

## Datasheet for ABIN7604621 **anti-DDAH1 antibody**



[Go to Product page](#)

### Overview

|              |                                                                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                                                                 |
| Target:      | DDAH1                                                                                                                                                  |
| Reactivity:  | Human, Mouse, Rat, Monkey                                                                                                                              |
| Host:        | Rabbit                                                                                                                                                 |
| Clonality:   | Monoclonal                                                                                                                                             |
| Conjugate:   | This DDAH1 antibody is un-conjugated                                                                                                                   |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Flow Cytometry (FACS) |

### Product Details

|                  |                                                                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Anti-DDAH1 Monoclonal Antibody                                                                                                                                                                                                              |
| Immunogen:       | A synthesized peptide derived from human DDAH1 Hydrolyzes N (G),N (G) -dimethyl-L-arginine (ADMA) and N (G) -monomethyl-L-arginine (MMA) which act as inhibitors of NOS. Has therefore a role in the regulation of nitric oxide generation. |
| Clone:           | AEAG-4                                                                                                                                                                                                                                      |
| Isotype:         | IgG                                                                                                                                                                                                                                         |
| Characteristics: | Anti-DDAH1 Monoclonal Antibody (ABIN7604621). Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Monkey, Mouse, Rat.                                                                              |
| Purification:    | Affinity-chromatography                                                                                                                                                                                                                     |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | DDAH1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Alternative Name: | DDAH1 ( <a href="#">DDAH1 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Background:       | <p>Synonyms: Clathrin heavy chain 1, Clathrin heavy chain on chromosome 17, CLH-17, CLTC, CLH17, CLTCL2, KIAA0034,</p> <p>Tissue Specificity: In fetal tissues, highly expressed in brain, detectable in lung and liver, but not in kidney. In adult tissues, expressed ubiquitously in the brain, detectable in the heart, liver, spleen, thymus, prostate, testis, ovary, small intestine and colon. The type A isoforms seem to be expressed predominantly in fetal brain whereas type B isoforms are expressed abundantly in both fetal and adult brain. .</p> |
| Molecular Weight: | 37 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt:          | <a href="#">O94760</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Application Details

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Application Notes: | WB 1:1000-1:5000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:40<br>FC 1:30 |
| Restrictions:      | For Research Use only                                                         |

## Handling

|                    |                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                  |
| Reconstitution:    | Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL                                        |
| Concentration:     | Lot specific                                                                                                            |
| Buffer:            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA. |
| Preservative:      | Sodium azide                                                                                                            |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |
| Storage:           | 4 °C, -20 °C                                                                                                            |
| Storage Comment:   | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one                        |

month. Avoid repeated freeze-thaw cycles.