

# Datasheet for ABIN7605676

# anti-NDUFB4 antibody



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| Quantity:    | 100 μL                                                                                                |
|--------------|-------------------------------------------------------------------------------------------------------|
| Target:      | NDUFB4                                                                                                |
| Reactivity:  | Human, Rat, Mouse                                                                                     |
| Host:        | Rabbit                                                                                                |
| Clonality:   | Monoclonal                                                                                            |
| Conjugate:   | This NDUFB4 antibody is un-conjugated                                                                 |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC) |

#### **Product Details**

| Purpose:         | Anti-NDUFB4 Rabbit Monoclonal Antibody                                          |
|------------------|---------------------------------------------------------------------------------|
| Immunogen:       | A synthesized peptide derived from human NDUFB4                                 |
|                  |                                                                                 |
| Clone:           | 30N45                                                                           |
| Isotype:         | IgG                                                                             |
| Characteristics: | Anti-NDUFB4 Rabbit Monoclonal Antibody (ABIN7605676). Tested in WB, IHC, ICC/IF |
|                  | applications. This antibody reacts with Human, Mouse, Rat.                      |
| Purification:    | Affinity-chromatography                                                         |
|                  |                                                                                 |

## Target Details

| Target: | NDUFB4 |  |
|---------|--------|--|

#### **Target Details**

| Alternative Name: | NDUFB4 (NDUFB4 Products)                                                                                                                                                                                                                                                                    |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | Synonyms: 5-aminolevulinate synthase, nonspecific, mitochondrial,ALAS-H,2.3.1.37,5-aminolevulinic acid synthase 1,Delta-ALA synthase 1,Delta-aminolevulinate synthase 1,ALAS1,ALAS3, ALASH,OK/SW-cl.121,  Tissue Specificity: Highly expressed in skeletal muscle, heart, liver and testis. |
| Molecular Weight: | 15 kDa                                                                                                                                                                                                                                                                                      |
| UniProt:          | 095168                                                                                                                                                                                                                                                                                      |

#### **Application Details**

| Application Notes: | WB 1:500-1:2000       |
|--------------------|-----------------------|
|                    | IHC 1:50-1:200        |
|                    | ICC/IF 1:50-1:200     |
| 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. |