

Datasheet for ABIN725167

## anti-Aromatase antibody (Biotin)



[Go to Product page](#)

### Overview

|              |                                                 |
|--------------|-------------------------------------------------|
| Quantity:    | 100 µL                                          |
| Target:      | Aromatase (CYP19A1)                             |
| Reactivity:  | Human, Rat, Mouse, Cow, Dog, Pig                |
| Host:        | Rabbit                                          |
| Clonality:   | Polyclonal                                      |
| Conjugate:   | This Aromatase antibody is conjugated to Biotin |
| Application: | Western Blotting (WB)                           |

### Product Details

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human Aromatase |
| Isotype:          | IgG                                                           |
| Cross-Reactivity: | Human, Mouse, Rat                                             |
| Purification:     | Purified by Protein A.                                        |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Aromatase (CYP19A1)                                                                                                                                                                                                                                                                                 |
| Alternative Name: | Aromatase ( <a href="#">CYP19A1 Products</a> )                                                                                                                                                                                                                                                      |
| Background:       | <p>Synonyms: Cytochrome p450 19A1, Estrogen synthetase, ARO 1, ARO, ARO1, CPV, CYPXIX, Cytochrome P450 19A1, Cytochrome P450 family 19 subfamily A polypeptide 1, MGC104309, P450AROM, P450AROM.</p> <p>Background: Aromatase is a key enzyme in steroidogenesis and plays an important role in</p> |

## Target Details

|                   |                                                                                                                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | sexual differentiation, oestrogen biosynthesis, fertility and carcinogenesis. It is highly conserved amongst mammals, and is highly expressed in placental tissue. Many environmental chemicals may influence aromatase activity and thereby disrupt endocrine function. |
| Molecular Weight: | 20/24/40/55kDa                                                                                                                                                                                                                                                           |
| Gene ID:          | 1588                                                                                                                                                                                                                                                                     |
| Pathways:         | <a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Steroid Hormone Biosynthesis</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a> , <a href="#">Carbohydrate Homeostasis</a>                                                           |

## Application Details

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Application Notes: | WB(1:100-500)<br>Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                                               |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 µg/µL                                                                                                                |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.            |
| 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:           | -20 °C                                                                                                                 |
| Storage Comment:   | Store at -20°C for 12 months.                                                                                          |
| Expiry Date:       | 12 months                                                                                                              |