

## Rabbit MCHR1 Polyclonal Antibody | anti-MCHR1 antibody

MCHR1 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA306836</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

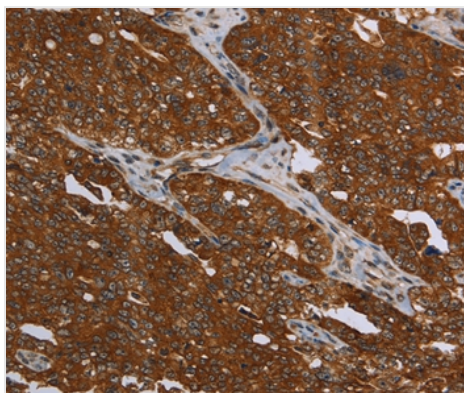
### PRODUCT SYNONYMS

MCHR1; Polyclonal Antibody; MCHR1 Antibody; GPR24; anti-MCHR1 antibody

### PRODUCT SPECIFICATIONS

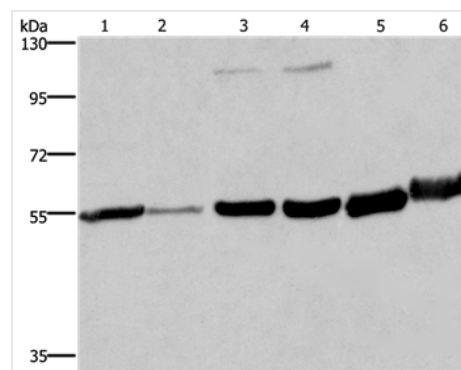
|                                                 |                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                            |
| Reactivity                                      | Human, Mouse, Rat                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                        |
| Specificity                                     | The antibody detects endogenous levels of total MCHR1 protein.                                                    |
| Purity/Purification                             | Antigen affinity purification.                                                                                    |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                   |
| Concentration                                   | 1.9 mg/ml (varies by lot)                                                                                         |
| Sequence Length                                 | 422                                                                                                               |
| Applicable Applications for anti-MCHR1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                     |
| Immunogen Type                                  | Peptide                                                                                                           |
| Immunogen Description                           | Synthetic peptide corresponding to residues near the C terminal of human melanin-concentrating hormone receptor 1 |
| Target Name                                     | MCHR1                                                                                                             |
| Preparation and Storage                         | Store at -20 degree C                                                                                             |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using at dilution 1/30.



#### Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Human fetal liver and testis tissue, 293T and A172 cell, mouse brain and human fetal brain tissue Amount of lysate: 40ug per lane Primary antibody: 1/350 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MCHR1 antibody | MCHR1, a member of the G protein coupled receptor family 1, is an integral plasma membrane protein which binds melanin concentrating hormone. MCHR1 can inhibit cAMP accumulation and stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptors, MCHR1 does not seem to bind somatostatin. |
| Product Categories/Family for anti-MCHR1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GI #                        | 88758590                                                 |
| NCBI GeneID                      | 2847                                                     |
| NCBI Accession #                 | NP_005288.3                                              |
| NCBI GenBank Nucleotide #        | NM_005297.3                                              |
| UniProt Accession #              | Q99705; Q5R3J1; Q96S47; Q9BV08; B2RBX6                   |
| Molecular Weight                 | 45,963 Da                                                |
| NCBI Official Full Name          | melanin-concentrating hormone receptor 1                 |
| NCBI Official Synonym Full Names | melanin-concentrating hormone receptor 1                 |
| NCBI Official Symbol             | MCHR1                                                    |
| NCBI Official Synonym Symbols    | SLC1; GPR24; MCH1R; SLC-1; MCH-1R                        |
| NCBI Protein Information         | melanin-concentrating hormone receptor 1                 |
| UniProt Protein Name             | Melanin-concentrating hormone receptor 1                 |
| UniProt Gene Name                | MCHR1                                                    |
| UniProt Synonym Gene Names       | GPR24; SLC1; MCH receptor 1; MCH-R1; MCHR-1; MCH1R; MCHR |
| UniProt Entry Name               | MCHR1_HUMAN                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mchr1-antibody-immunohistochemistry-western-blot-elisa/306836>