

**MARCH4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59228****Specification****MARCH4 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">Q9P2E8</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MARCH4
Epitope Specificity	261-360/410
<b>Purity</b>	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Golgi apparatus membrane; Multipass membrane protein.
SIMILARITY	Contains 1 RING-CH-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

MARCH4, an E3 ubiquitin protein ligase, may mediate ubiquitination of MHC I and CD4, and promote their subsequent endocytosis and sorting to lysosomes via multivesicular bodies. E3 ubiquitin protein ligases accept ubiquitin from an E2 ubiquitin conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.

**MARCH4 Polyclonal Antibody - Additional Information****Gene ID 57574****Other Names**

E3 ubiquitin-protein ligase MARCHF4, 2.3.2.27, Membrane-associated RING finger protein 4, Membrane-associated RING-CH protein IV, MARCH-IV, RING finger protein 174, RING-type E3 ubiquitin transferase MARCHF4, MARCHF4 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=29269" target="\_blank">HGNC:29269</a>)

**Target/Specificity**

Expressed in brain and placenta.

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class

= "dilution\_IHC-P" > IHC-P~~N/A</span><br /><span class="dilution\_IHC-P">IHC-P~~N/A</span><br /><span class="dilution\_IF">IF~~1:50~200</span><br /><span class="dilution\_E">E~~N/A</span>

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**MARCH4 Polyclonal Antibody - Protein Information**

**Name** MARCH4 ([HGNC:29269](#))

**Function**

E3 ubiquitin-protein ligase that may mediate ubiquitination of MHC-I and CD4, and promote their subsequent endocytosis and sorting to lysosomes via multivesicular bodies. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.

**Cellular Location**

Golgi apparatus membrane; Multi-pass membrane protein

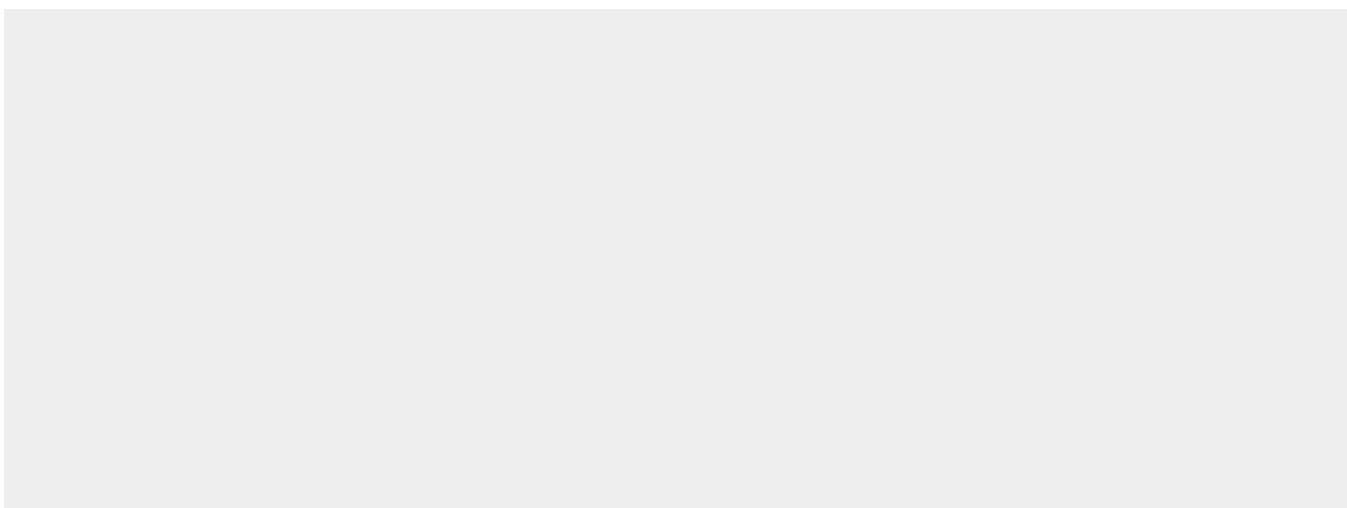
**Tissue Location**

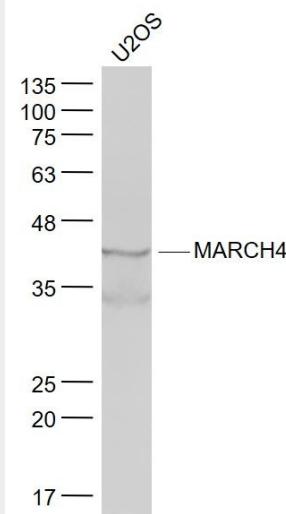
Expressed in brain and placenta.

**MARCH4 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MARCH4 Polyclonal Antibody - Images**

**Sample:**

U2OS(Human) Cell Lysate at 30 ug

Primary: Anti- MARCH4 (bs-9338R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 43 kD

Observed band size: 43 kD