

**Goat Anti-TEB4 / MARCH-VI (aa 701 to 712) Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF2077a

### Specification

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#### Goat Anti-TEB4 / MARCH-VI (aa 701 to 712) Antibody - Product Information

Application	WB
Primary Accession	<a href="#">O60337</a>
Other Accession	<a href="#">NP_005876</a> , <a href="#">10299</a> , <a href="#">223455 (mouse)</a>
Reactivity	Human
Predicted	Mouse
Host	Goat
Clonality	Polyclonal
Concentration	0.5mg/ml
Isotype	IgG
Calculated MW	102545

#### Goat Anti-TEB4 / MARCH-VI (aa 701 to 712) Antibody - Additional Information

Gene ID 10299

#### Other Names

E3 ubiquitin-protein ligase MARCH6, 6.3.2.-, Doa10 homolog, Membrane-associated RING finger protein 6, Membrane-associated RING-CH protein VI, MARCH-VI, Protein TEB-4, RING finger protein 176, MARCH6, KIAA0597, RNF176, TEB4

#### Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

Goat Anti-TEB4 / MARCH-VI (aa 701 to 712) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### Goat Anti-TEB4 / MARCH-VI (aa 701 to 712) Antibody - Protein Information

Name MARCHF6 ([HGNC:30550](#))

#### Function

E3 ubiquitin-protein ligase that promotes 'Lys-48'-linked ubiquitination of target proteins, leading to their proteasomal degradation (PubMed:<a href="http://www.uniprot.org/citations/15673284" target="\_blank">15673284</a>). Promotes ubiquitination of DIO2, leading to its degradation (PubMed:<a href="http://www.uniprot.org/citations/19651899" target="\_blank">19651899</a>).

Promotes ubiquitination of SQLE, leading to its degradation (PubMed:<a href="http://www.uniprot.org/citations/24449766" target="\_blank">24449766</a>). 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. May cooperate with UBE2G1 (PubMed:<a href="http://www.uniprot.org/citations/15673284" target="\_blank">15673284</a>).

#### Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

#### Tissue Location

Present in brain (at protein level).

### Goat Anti-TEB4 / MARCH-VI (aa 701 to 712) 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](#)

### Goat Anti-TEB4 / MARCH-VI (aa 701 to 712) Antibody - Images



AF2077a (0.2 µg/ml) staining of Human Lung lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Goat Anti-TEB4 / MARCH-VI (aa 701 to 712) Antibody - Background

MARCH6 is an E3 ubiquitin (see MIM 191339) ligase that localizes to endoplasmic reticulum (ER) membranes (Hassink et al., 2005 [PubMed 15673284]).

### Goat Anti-TEB4 / MARCH-VI (aa 701 to 712) Antibody - References

The E3 ubiquitin ligase TEB4 mediates degradation of type 2 iodothyronine deiodinase. Zavacki AM, et al. Mol Cell Biol, 2009 Oct. PMID 19651899. Membrane topology of the yeast endoplasmic reticulum-localized ubiquitin ligase Doa10 and comparison with its human ortholog TEB4 (MARCH-VI). Kreft SG, et al. J Biol Chem, 2006 Feb 24. PMID 16373356. TEB4 is a C4HC3 RING

finger-containing ubiquitin ligase of the endoplasmic reticulum. Hassink G, et al. *Biochem J*, 2005 Jun 1. PMID 15673284. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. *Genome Res*, 2004 Oct. PMID 15489334. Downregulation of major histocompatibility complex class I by human ubiquitin ligases related to viral immune evasion proteins. Bartee E, et al. *J Virol*, 2004 Feb. PMID 14722266.