

VPS39 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54964**Specification**

VPS39 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O96JC1
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	101809

VPS39 Polyclonal Antibody - Additional Information**Gene ID** 23339**Other Names**

Vam6/Vps39-like protein, TRAP1-like protein, hVam6p, VPS39 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=20593)>HGNC:20593), KIAA0770, TLP, VAM6

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

VPS39 Polyclonal Antibody - Protein Information**Name** VPS39 ([HGNC:20593](#))**Synonyms** KIAA0770, TLP, VAM6**Function**

Regulator of TGF-beta/activin signaling, inhibiting SMAD3- and activating SMAD2-dependent transcription. Acts by interfering with SMAD3/SMAD4 complex formation, this would lead to inhibition of SMAD3-dependent transcription and relieve SMAD3 inhibition of SMAD2-dependent promoters, thus increasing SMAD2- dependent transcription. Does not affect TGF-beta-induced SMAD2 or SMAD3 phosphorylation, nor SMAD2/SMAD4 complex formation.

Cellular Location

Cytoplasm. Lysosome membrane; Peripheral membrane protein. Late endosome membrane; Peripheral membrane protein. Note=Colocalizes with TGFBR1 and TGFBR2 in cytoplasmic vesicular structures and most prominently in cortical vesicles.

Tissue Location

Widely expressed, with highest levels in heart, skeletal muscle, kidney, pancreas, brain, placenta and spleen

VPS39 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](#)

VPS39 Polyclonal Antibody - Images