

Anti-VPS18 antibody

Cat. No.	ml221396
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-VPS18 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human VPS18
Reactivity	Human
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	VPS18
Full name	VPS18, CORVET/HOPS core subunit

Synonyms	PEP3
Swissprot	Q9P253

Target Background

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene encodes the human homolog of yeast class C Vps18 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway.

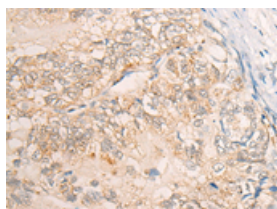
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Cell membrane

Positive control: Human gastric cancer

Recommended dilution: 25-100



The image is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml221396(VPS18 Antibody) at dilution 1/35. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 110 kDa

Positive control: Hela and K562 cell lysates

Recommended dilution: 200-1000

Gel: 6% SDS-PAGE

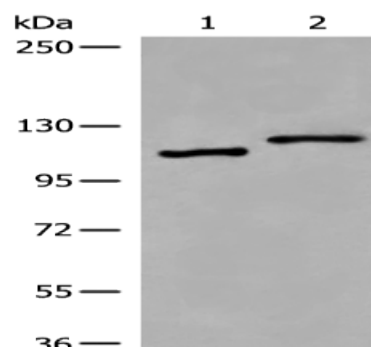
Lysate: 40 μ g

Lane 1-2: Hela and K562 cell lysates

Primary antibody: ml221396(VPS18 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 50 seconds



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ELISA

Recommended dilution: 5000-10000

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