

Datasheet for ABIN351326
anti-VPS29 antibody (C-Term)



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Overview

Quantity:	500 µg
Target:	VPS29
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS29 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit antibody to VPS29
Immunogen:	A synthetic peptide from the c-terminal region of mouse VPS29 conjugated to an immunogenic carrier protein was used as the antigen. The peptide is homologous in rat human chicken zebra fish and xenopus.
Isotype:	IgG
Specificity:	Specific for VPS29.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	VPS29
Alternative Name:	VPS29 (VPS29 Products)
Background:	<p>FUNCTION: Essential component of the retromer complex a complex required to retrieve lysosomal enzyme receptors (IGF2R and M6PR) from endosomes to the trans-Golgi network. Also required to regulate transcytosis of the polymeric immunoglobulin receptor (pIgR-pIgA). Has low protein phosphatase activity towards a serine-phosphorylated peptide derived from IGF2R (in vitro). Has no activity towards p-nitrophenylphosphate p-nitrophenylphosphorylcholine or phosphatidylinositolphosphates (in vitro). CATALYTIC ACTIVITY: O-phospho-L(or D)-serine + H₂O = L(or D)-serine + phosphate. COFACTOR: Binds 2 zinc ions per subunit. SUBCELLULAR LOCATION: Cytoplasm. Membrane, Peripheral membrane protein. Endosome membrane, Peripheral membrane protein.</p>
UniProt:	Q9QZ88

Application Details

Application Notes:	IHC WB. A concentration of 10-50,µg/ml is recommended. The optimal concentration should be determined by the end user. Not tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µl of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months