

VP33B Rabbit pAb

CatalogNo: YN3916

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 68kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human VP33B AA range: 12-62

Specificity This antibody detects endogenous levels of VP33B at Human/Mouse/Rat

Target Information

Gene name VPS33B

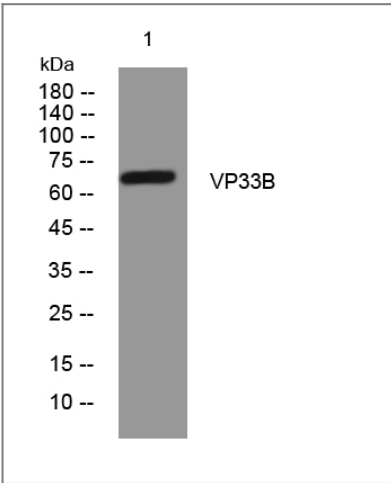
Protein Name	VP33B		
	Organism	Gene ID	UniProt ID
	Human	26276;	Q9H267;
	Mouse	233405;	P59016;
	Rat	64060;	Q63616;

Cellular Localization Late endosome membrane ; Peripheral membrane protein; Cytoplasmic side. Lysosome membrane ; Peripheral membrane protein; Cytoplasmic side. Early endosome . Cytoplasmic vesicle, clathrin-coated vesicle . Recycling endosome . Colocalizes in clusters with VIPAS39 at cytoplasmic organelles (PubMed:19109425). Colocalizes with RAB11A and VIPAS39 on recycling endosomes (PubMed:22753090). Colocalizes with AP-3, clathrin, Rab5 and Rab7b (PubMed:21411634). Colocalizes with M.tuberculosis PtpA in the cytosol of tuberculosis-infected macrophages and associates with phagosomes (PubMed:18474358). .

Tissue specificity Ubiquitous; highly expressed in testis and low expression in the lung.

Function Disease:Defects in VPS33B are the cause of arthrogryposis-renal dysfunction-cholestasis syndrome (ARC) [MIM:208085]. ARC is an autosomal recessive multisystem disorder, characterized by neurogenic arthrogryposis multiplex congenita, renal tubular dysfunction and neonatal cholestasis with bile duct hypoplasia and low gamma glutamyl transpeptidase activity. Platelet dysfunction is common.,Function:May play a role in vesicle-mediated protein trafficking to lysosomal compartments and in membrane docking/fusion reactions of late endosomes/lysosomes.,similarity:Belongs to the STXBP/unc-18/SEC1 family.,subcellular location:Cytoplasmic, peripheral membrane protein associated with late endosomes/lysosomes.,tissue specificity:Ubiquitous; highly expressed in testis and low expression in the lung.,

Validation Data



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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VP33B Rabbit pAb

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