Datasheet for ABIN783395

anti-VPS39 antibody (C-Term)

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1 Image

Overview

Quantity:	0.1 mg
Target:	VPS39
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS39 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid peptide near the carboxy terminus of human VPS39
Specificity:	This antibody detects VPS39 / VAM6 at C-term. At least four isoforms of VPS39 are known to exist, this antibody will detect all four. VPS39 antibody is predicted not to cross-react with TRAP1.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	VPS39
Alternative Name:	VPS39 (VPS39 Products)

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Target Details

Background:	VPS39 is the mammalian homolog of the yeast vacuolar protein VAM6, that in mammals, promotes lysosome clustering and fusion in vivo. VPS39 is also thought to modulate the TGF-b response by coupling the TGF-b receptor complex to the Smad pathway. Similar to the related protein TRAP1, the VPS39 protein is essential for early embryonic development, with mice lacking VPS39 dying at or before E6.5.Synonyms: KIAA0770, VAM6, Vam6/Vps39-like protein
Gene ID:	23339
NCBI Accession:	NP_056104
UniProt:	Q96JC1
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.

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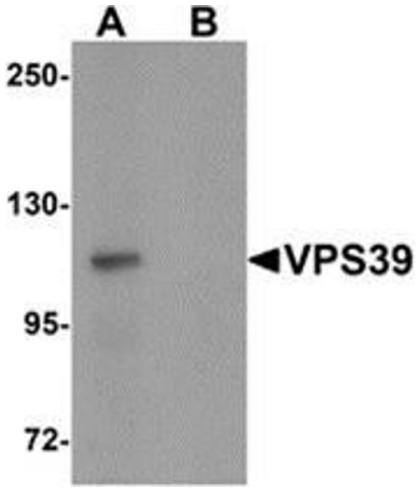

Western Blotting

Image 1. Western blot analysis of VPS39 in rat liver tissue lysate with VPS39 antibody at 0.5 µg/ml in (A) the absence and (B) the presence of blocking peptide.

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