Datasheet for ABIN7175485

anti-VAMP7 antibody (AA 2-186)

4 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	VAMP7
Binding Specificity:	AA 2-186
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAMP7 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Vesicle-associated membrane protein 7 protein (2-186AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	VAMP7
Alternative Name:	VAMP7 (VAMP7 Products)
Background:	Background: Involved in the targeting and/or fusion of transport vesicles to their target membrane during transport of proteins from the early endosome to the lysosome. Required for

Target Details

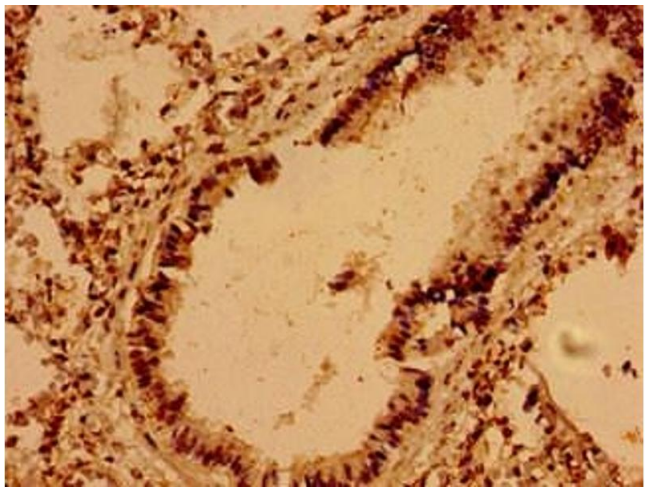
	heterotypic fusion of late endosomes with lysosomes and homotypic lysosomal fusion. Required for calcium regulated lysosomal exocytosis. Involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. Required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. Required for focal exocytosis of late endocytic vesicles during phagosome formation. Aliases: FLJ53045 antibody, FLJ53762 antibody, FLJ54296 antibody, HGNC:11486 antibody, OTTHUMP00000024258 antibody, OTTHUMP00000024259 antibody, OTTHUMP00000225953 antibody, SYBL 1 antibody, SYBL1 antibody, Synaptobrevin like 1 antibody, Synaptobrevin-like protein 1 antibody, Tetanus insensitive VAMP antibody, Tetanus neurotoxin insensitive VAMP antibody, Tetanus-insensitive VAMP antibody, TI VAMP antibody, Ti-VAMP antibody, TIVAMP antibody, VAMP-7 antibody, VAMP7 antibody, VAMP7_HUMAN antibody, Vesicle-associated membrane protein 7 antibody
UniProt:	P51809

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

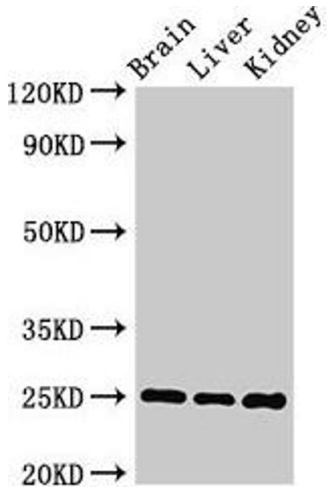
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



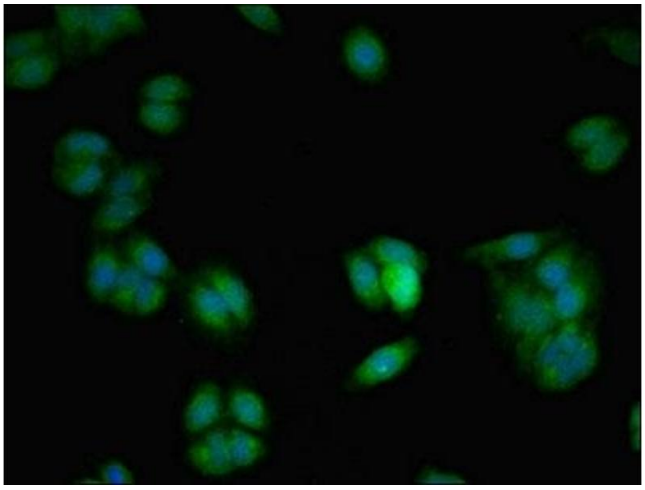
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7175485 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse brain tissue, Mouse liver tissue, Mouse kidney tissue All lanes: VAMP7 antibody at 2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 25, 31, 21 kDa Observed band size: 25 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7175485 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Please check the product details page for more images. Overall 4 images are available for ABIN7175485.