



PDZD8 Rabbit pAb

Catalog No	YP-Ab-19209
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	PDZD8 PDZK8
Immunogen	Synthesized peptide derived from human PDZD8
Specificity	This antibody detects endogenous levels of PDZD8 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LYVAC;PDZ domain containing 8;PDZ domain-containing protein 8;PDZK8; Sarcoma antigen NY-SAR-84/NY-SAR-104;PDZD8 PDZK8;PDZ domain-containing protein 8 (Sarcoma antigen NY-SAR-84/NY-SAR-104)
Observed Band	150-160 kDa
Calculated Molecular Weight	1154 aa, 129 kDa
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass membrane protein . Localizes at mitochondria-endoplasmic reticulum contact sites. .
Tissue Specificity	
Function	Molecular tethering protein that connects endoplasmic reticulum and mitochondria membranes . PDZD8-dependent endoplasmic reticulum-mitochondria membrane tethering is essential for endoplasmic reticulum-mitochondria Ca(2+) transfer . In neurons, involved in the regulation of dendritic Ca(2+) dynamics by regulating mitochondrial Ca(2+) uptake in neurons . Plays an indirect role in the regulation of cell morphology and cytoskeletal organization . May inhibit herpes simplex virus 1 infection at an early stage .
Background	

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images