

Anti-PICK1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

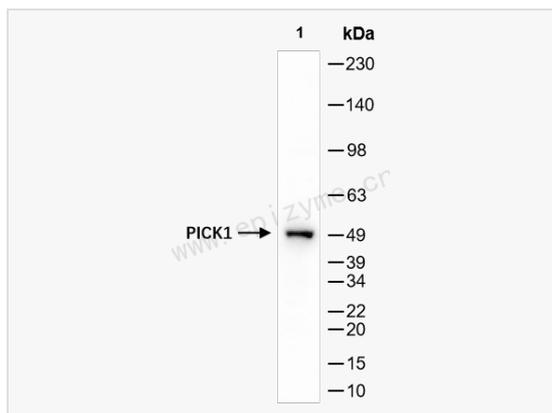
Catalog # R011211

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:3,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	11L96L25
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human PICK1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PICK1 Rabbit mAb [11L96L25] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	PRKCABP; PICK1; PRKCA-binding protein; Protein interacting with C kinase 1; Protein kinase C-alpha-binding protein.
Calculated MW	Calculated MW: 47 kDa; Observed MW: 50 kDa
Uniprot ID	Q9NRD5
Gene ID	9463
Background	The protein encoded by this gene contains a PDZ domain, through which it interacts with protein kinase C, alpha (PRKCA). This protein may function as an adaptor that binds to and organizes the subcellular localization of a variety of membrane proteins. It has been shown to interact with multiple glutamate receptor subtypes, monoamine plasma membrane transporters, as well as non-voltage gated sodium channels, and may target PRKCA to these membrane proteins and thus regulate their distribution and function. This protein has also been found to act as an anchoring protein that specifically targets PRKCA to mitochondria in a ligand-specific manner. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Cellular Location	Cytoplasm.Perinuclear region.Membrane.Peripheral membrane protein.Membrane.Lipid-anchor.Postsynaptic density.Synapse.Synaptosome.Cytoplasm.Cytoskeleton.Also membrane-associated, present at excitatory synapses.
Tissue Location	Ubiquitous.



Western Blot - Anti-PICK1 Rabbit mAb [11L96L25]

All lanes: R011211 at 1:3,000 dilution

Lane 1: U87 (Human malignant glioblastoma epithelial cell) whole cell lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 47 kDa

Observed band size: 50 kDa

Developed using the ECL technique (Cat. No. SQ201).