



# PICK1 rabbit pAb

Cat No.:ES11926

For research use only

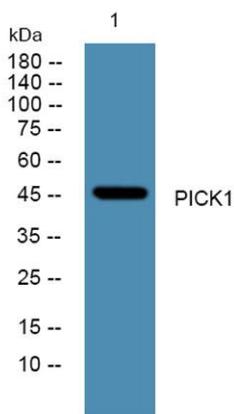
## Overview

<b>Product Name</b>	PICK1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	PICK1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	PRKCA-binding protein (Protein interacting with C kinase 1) (Protein kinase C-alpha-binding protein)
<b>Gene Name</b>	PICK1 PRKCABP
<b>Cellular localization</b>	Cytoplasm, perinuclear region. Membrane ; Peripheral membrane protein . Membrane ; Lipid-anchor . Cell junction, synapse, postsynaptic density . Cell junction, synapse, synaptosome . Cytoplasm, cytoskeleton . Also membrane-associated, present at excitator
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	45kD
<b>Human Gene ID</b>	9463
<b>Human Swiss-Prot Number</b>	Q9NRD5
<b>Alternative Names</b>	
<b>Background</b>	protein interacting with PRKCA 1(PICK1) Homo sapiens 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],



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night

