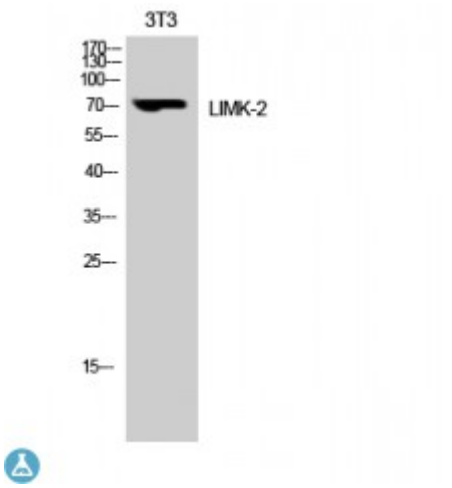
Anti-LIMK-2 antibody



Description	Rabbit polyclonal to LIMK-2.

Model	STJ93931
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human LIMK-2 around the non-phosphorylation site of S283.
Immunogen Region	220-300 aa
Gene ID	3985
Gene Symbol	LIMK2
Dilution range	WB 1:500-1:2000ELISA 1:5000
Specificity	LIMK-2 Polyclonal Antibody detects endogenous levels of LIMK-2 protein.
Tissue Specificity	Highest expression in the placenta; moderate level in liver, lung, kidney, and pancreas. LIMK2a is found to be more abundant then LIMK2b in liver, colon, stomach, and spleen, while in brain, kidney, and placenta LIMK2b is the dominant form. In adult lung, both LIMK2a and LIMK2b is nearly equally observed.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	LIM domain kinase 2 LIMK-2

Molecular Weight	72 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6614OMIM:601988
Alternative Names	LIM domain kinase 2 LIMK-2
Function	Displays serine/threonine-specific phosphorylation of myelin basic protein and histone (MBP) in vitro.
Cellular Localization	Isoform LIMK2a: Cytoplasm. Nucleus. Isoform LIMK2a is distributed in the cytoplasm and the nucleus.. Isoform LIMK2b: Cytoplasm. Nucleus. Isoform LIMK2b occurs mainly in the cytoplasm and is scarcely translocated to the nucleus.
Post-translational Modifications	Phosphorylated on serine and/or threonine residues by ROCK1.