

## Product Datasheet

### Anti-LRP1 Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL03211

### Product Information

Product name	Anti-LRP1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:150
	IF	1:500
Cellular localization	Cell membrane, Coated pit, Cytoplasm, Golgi apparatus, Nucleus	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

### General Information

Background	LRP1 encodes a member of the low-density lipoprotein receptor family of proteins. The encoded preprotein is proteolytically processed by furin to generate 515 kDa and 85 kDa subunits that form the mature receptor. Proper folding and trafficking of LRP1 is facilitated by the receptor-associated protein (RAP), a molecular chaperone. The uptake of all known ligands through LRP1 can be blocked by RAP, which induces a conformational change in the receptor that renders it unable to bind ligands. LRP1, which is expressed in brain, liver and lung, is also implicated in Alzheimer's disease (AD), as the human LRP gene localizes to a potential AD locus on chromosome 12.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of LRP1.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

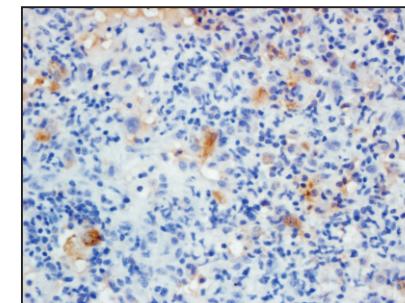
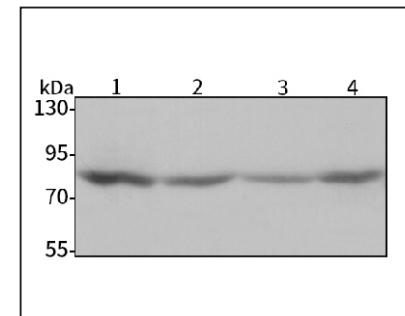
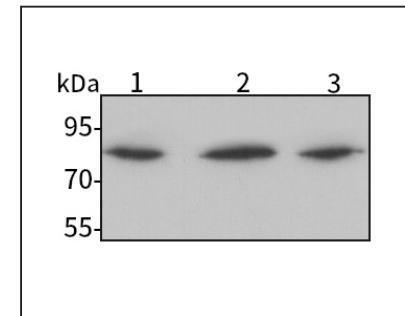
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### Product Images



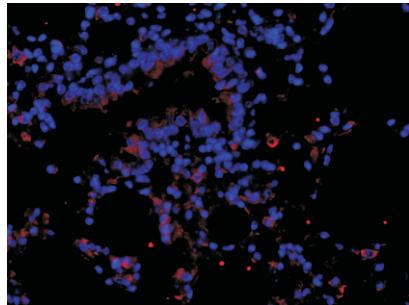
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#### Immunofluorescence-Anti-LRP1 pAb

Immunofluorescence analysis of paraffin-embedded mouse lung using anti-LRP1 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.