

## LRP1(Phospho-Ser4523) Antibody HRP Conjugated

Catalog No: #C05748H

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	LRP1(Phospho-Ser4523) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 4510-4525 4544 derived from human LRP1 around the phosphorylation site of Ser4523
Conjugates	HRP
Target Name	LRP1 Ser4523
Other Names	APR; LRP; A2MR; CD91; APOER; LRP1A; TGFBR5; IGFBP3R; Prolow-density lipoprotein receptor-related protein 1; LRP-1; Alpha-2-macroglobulin receptor; Apolipoprotein E receptor; LRP1
Accession No.	Swiss-Prot#Q07954NCBI Gene ID4035
Uniprot	Q07954
GeneID	4035;
Excitation Emission	N A
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IHC-P=1:50-200 IHC-F=1:50-200

## Background

Endocytic receptor involved in endocytosis and in phagocytosis of apoptotic cells. Required for early embryonic development. Involved in cellular lipid homeostasis. Involved in the plasma clearance of chylomicron remnants and activated LRPAP1 (alpha 2-macroglobulin), as well as the local metabolism of complexes between plasminogen activators and their endogenous inhibitors. May modulate cellular events, such as APP metabolism, kinase-dependent intracellular signaling, neuronal calcium signaling as well as neurotransmission. Functions as a receptor for *Pseudomonas aeruginosa* exotoxin A.

Note: This product is for in vitro research use only