antibodies - online.com







anti-LRP4 antibody (AA 1500-1725)

Images



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Quantity:	100 μL
Target:	LRP4
Binding Specificity:	AA 1500-1725
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Low-density lipoprotein receptor-related protein 4 protein (1500-1725AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	LRP4
Alternative Name:	LRP4 (LRP4 Products)
Background:	Background: Mediates SOST-dependent inhibition of bone formation. Functions as a specific
	facilitator of SOST-mediated inhibition of Wnt signaling. Plays a key role in the formation and

the maintenance of the neuromuscular junction (NMJ), the synapse between motor neuron and skeletal muscle. Directly binds AGRIN and recruits it to the MUSK signaling complex. Mediates the AGRIN-induced phosphorylation of MUSK, the kinase of the complex. The activation of MUSK in myotubes induces the formation of NMJ by regulating different processes including the transcription of specific genes and the clustering of AChR in the postsynaptic membrane. Alternatively, may be involved in the negative regulation of the canonical Wnt signaling pathway, being able to antagonize the LRP6-mediated activation of this pathway. More generally, has been proposed to function as a cell surface endocytic receptor binding and internalizing extracellular ligands for degradation by lysosomes.

Aliases: KIAA0816 antibody, LDLR dan antibody, Low density lipoprotein receptor related protein 4 antibody, Low-density lipoprotein receptor-related protein 4 antibody, LRP-4 antibody, LRP10 antibody, Lrp4 antibody, LRP4_HUMAN antibody, MEGF7 antibody, Multiple epidermal growth factor like domains 7 antibody, Multiple epidermal growth factor-like domains 7 antibody

UniProt:

075096

Pathways:

Skeletal Muscle Fiber Development

Application Details

Application Notes:

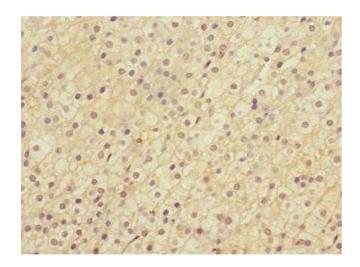
Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions:

For Research Use only

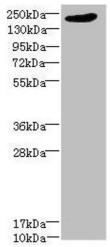
Handling

Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7158575 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: LRP4 antibody at $1.39~\mu$ g/mL + PC-3 whole cell lysate Secondary Goat polyclonal to rabbit lgG at 1/10000 dilution Predicted band size: 213 kDa Observed band size: 213 kDa