

# AB-NN287-2

## LRP4 (Cytoplasmic) Antibody

Pan-specific monoclonal antibody (S164-6) for monitoring the expression of mouse LRP4 (Cytoplasmic)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Low-density lipoprotein receptor-related protein 4
<b>Alias:</b>	Corin, KIAA0816, LDLR, LDLR dan, Low density lipoprotein receptor related protein 4, LRP-4, LRP10, MEGF7, Multiple epidermal growth factor like domains 7
<b>UniProt ID:</b>	Q8VI56 - Mouse
<b>Human Predicted Mass (KDa):</b>	212.045 (1905 AA; O75096-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	215 and 100 (degraded)

### Immunogen

<b>Antibody Immunogen Source:</b>	Fusion protein amino acids 1747-1905 (cytoplasmic C-terminus) of mouse LRP4
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	IgG1
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

### Applications

<b>Product Use:</b>	WB   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Mouse   Rat
<b>Antibody Positive Control:</b>	1 µg/ml of SMC-415 was sufficient for detection of LRP4 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	In mouse brain lysates, this antibody detects the cytoplasmic domain of LRP4, a ~215 kDa protein, and a small degradation products of ~100 kDa.
<b>Antibody Specificity:</b>	Very High

This product is for in vitro research use only and is not intended for use in humans or animals.

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