

# Product Datasheet

## LRP-4 Antibody (S164-6) NBP2-22417-0.025mg

Unit Size: 0.025 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-22417-0.025mg**

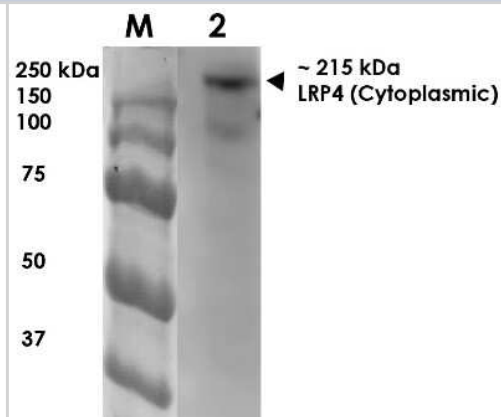
LRP-4 Antibody (S164-6)

Product Information	
Unit Size	0.025 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S164-6
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Host	Mouse
Gene ID	4038
Gene Symbol	LRP4
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects the cytoplasmic domain of LRP4 approx 215kDa, small degradation products approx 100kD.
Immunogen	Fusion protein amino acids 1747-1905 (cytoplasmic C-terminus) of mouse LRP4
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1ug/ml, Immunocytochemistry/Immunofluorescence 1:10-1:2000
Application Notes	1 ug/ml of LRP4 (Cytoplasmic) Antibody was sufficient for detection of LRP4 in 20 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

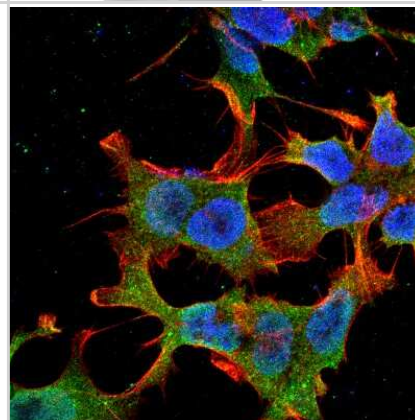


## Images

Western Blot: LRP-4 Antibody (S164-6) [NBP2-22417] - analysis of Rat Brain Membrane showing detection of 215 kDa LRP4 protein using Mouse Anti-LRP4 Monoclonal Antibody, Clone S164-6 . Lane 1: MW Ladder. Lane 2: Rat Brain Membrane (10 ug). . Load: 10 ug. Block: 5% milk. Primary Antibody: Mouse Anti-LRP4 Monoclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:200 for 1 hour at RT. Color Development: TMB solution for 10 min at RT. Predicted/Observed Size: 215 kDa.



Immunocytochemistry/Immunofluorescence: LRP-4 Antibody (S164-6) [NBP2-22417] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-LRP4 (Cytoplasmic) Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Membrane. Magnification: 60X.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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