

Product Datasheet

EphB2 Antibody NB100-55398

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-55398

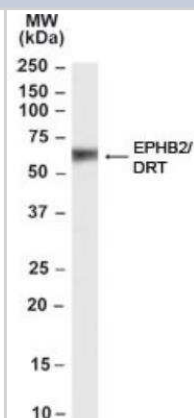
EphB2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	2048
Gene Symbol	EPHB2
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_059145.2 and NP_004433.2).
Immunogen	Peptide with sequence C-QKDRNHRPKFGQ corresponding to internal region according to NP_004433.2, NP_059145.2.
Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:4000
Application Notes	WB: Approx. 60 kDa band observed in human lung and placenta lysates is reported in scientific literature (PMID: 17428795).

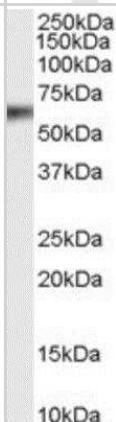


Images

Western Blot: EphB2 Antibody [NB100-55398] - Analysis of Human lung and placenta lysates using NB100-55398.



Western Blot: EphB2 Antibody [NB100-55398] - (1 ug/ml) staining of Human Lung lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Cramer KS, Cerretti DP, Siddiqui SA. EphB2 regulates axonal growth at the midline in the developing auditory brainstem. *Dev Biol* 2006-04-13 [PMID: 16626680]

Litterst C, Georgakopoulos A, Shioi J et al. Ligand binding and calcium influx induce distinct ectodomain/gamma-secretase-processing pathways of EphB2 receptor. *J Biol Chem* 2007-06-01 [PMID: 17428795]



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Products Related to NB100-55398

NB820-59410	Human Brain Corpus Callosum Whole Tissue Lysate (Adult Whole Parkinson's)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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