www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

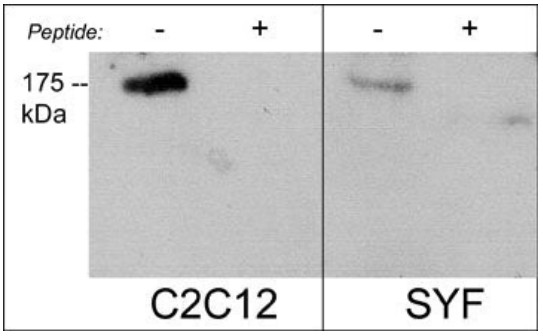
Anti-Robo2 (C-terminal region) Antibody

Product Details

Available Variants	100 µL (SKU:RP2861)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	ROBO2
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:500
Species Reactivity	Chicken, Human, Mouse, Rat
Immunogen	Robo2 synthetic peptide (coupled to carrier protein) corresponds to amino acids in the C-terminal region of human Robo2. This sequence has significant homology to the same region in rat and mouse Robo2, and has low homology to other Robo family members.
Specificity	The antibody detects a 175 kDa* band corresponding to Robo2 in Western blots of mouse C2C12 and SYF cells.
Molecular Weight	175
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	Q9HCK4 UniProt Summary: Receptor for SLIT2, and probably SLIT1, which are thought

	to act as molecular guidance cue in cellular migration, including axonal navigation at the ventral midline of the neural tube and projection of axons to different regions during neuronal development.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	6092

Product Images



Western blot analysis of C2C12 and SYF mouse cell lines. The blots were probed with anti-Robo2 (C-terminal region) in the absence (-) or presence (+) of Robo2 (C-terminal region) blocking peptide (RX2865).