

**DATASHEET**

**UNC5C Rabbit Polyclonal Antibody**

CAT. NO. APA17250

**KEY FEATURES**

Target	UNC5C	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Receptor for netrin required for axon guidance . Mediates axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding . NTN1/Netrin-1 binding might cause dissociation of UNC5C from polymerized TUBB3 in microtubules and thereby lead to increased microtubule dynamics and axon repulsion . Axon repulsion in growth cones may also be caused by its association with DCC that may trigger signaling for repulsion . Might also collaborate with DSCAM in NTN1-mediated axon repulsion independently of DCC . Also involved in corticospinal tract axon guidance independently of DCC . Involved in dorsal root ganglion axon projection towards the spinal cord . It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

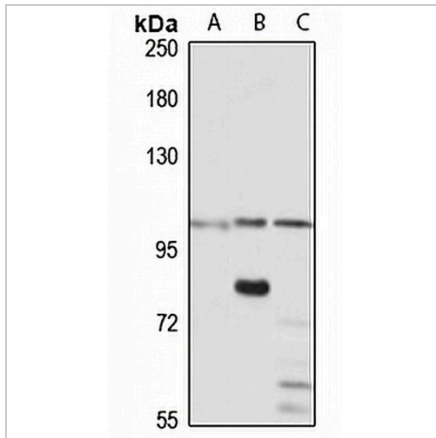
Description	Rabbit polyclonal antibody to UNC5C
Specificity	Recognizes endogenous levels of UNC5C protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human UNC5C. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 66; Observed: 103 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	UNC5H3; Netrin receptor UNC5C; Protein unc-5 homolog 3; Protein unc-5 homolog C
Gene Symbol	UNC5C
Entrez Gene	8633(Human); 22253(Mouse); 362049(Rat)
SwissProt	O95185(Human); O08747(Mouse); Q761X5(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of UNC5C expression in SHSY5Y (A), mouse lung (B), rat brain (C) whole cell lysates. (Predicted band size: 66; 103 kD; Observed band size: 103 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.