



# Anti-UNC5B (aa 27-126) polyclonal antibody (DPAB-DC947)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the netrin family of receptors. This particular protein mediates the repulsive effect of netrin-1 and is a vascular netrin receptor. This encoded protein is also in a group of proteins called dependence receptors (DpRs) which are involved in pro- and anti-apoptotic processes. Many DpRs are involved in embryogenesis and in cancer progression. Two alternatively spliced transcript variants have been described for this gene.
<b>Immunogen</b>	UNC5B (NP_734465, 27 a.a. ~ 126 a.a) partial recombinant protein with GST tag. The sequence is GTDSGSEVLPSFSPAPAEPLPYFLQEPQDAYIVKNKPVELRCRAFPATQIYFKCNGEWV SQNDHVTQEGLDEATGLRVREVQIEVSRQQVEELFGLEDY
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">UNC5B unc-5 homolog B (C. elegans) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	UNC5B
<b>Synonyms</b>	UNC5B; unc-5 homolog B (C. elegans); UNC5H2; p53RDL1; netrin receptor UNC5B; unc-5 homolog 2; protein unc-5 homolog 2; protein unc-5 homolog B; transmembrane receptor Unc5H2; p53-regulated receptor for death and life protein 1;
<b>Entrez Gene ID</b>	<a href="#">219699</a>
<b>Protein Refseq</b>	<a href="#">NP_001231818</a>
<b>UniProt ID</b>	<a href="#">Q8IZJ1</a>
<b>Chromosome Location</b>	10q22.1
<b>Pathway</b>	Apoptosis; Axon guidance; Netrin mediated repulsion signals; Regulation of Apoptosis
<b>Function</b>	protein binding;