



# Human ROBO2 blocking peptide (CDBP2566)

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

## PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ROBO2 antibody
Antigen Description	The protein encoded by this gene belongs to the ROBO family, part of the immunoglobulin superfamily of proteins that are highly conserved from fly to human. The encoded protein is a transmembrane receptor for the slit homolog 2 protein and functions in axon guidance and cell migration. Mutations in this gene are associated with vesicoureteral reflux, characterized by the backward flow of urine from the bladder into the ureters or the kidney. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

Gene Name	<a href="#">ROBO2 roundabout, axon guidance receptor, homolog 2 (Drosophila) [ Homo sapiens ]</a>
Official Symbol	ROBO2
Synonyms	ROBO2; roundabout, axon guidance receptor, homolog 2 (Drosophila); roundabout (axon guidance receptor, Drosophila) homolog 2; roundabout homolog 2; KIAA1568; SAX3;

---

<b>Entrez Gene ID</b>	<a href="#">6092</a>
<b>mRNA Refseq</b>	<a href="#">NM_001128929</a>
<b>Protein Refseq</b>	<a href="#">NP_001122401</a>
<b>UniProt ID</b>	Q9HCK4
<b>Chromosome Location</b>	3p12.3
<b>Pathway</b>	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Regulation of Commissural axon pathfinding by Slit and Robo, organism-specific biosystem; Signaling by Robo receptor, organism-specific biosystem;
<b>Function</b>	axon guidance receptor activity; axon guidance receptor activity; identical protein binding; protein binding; protein heterodimerization activity;

---