

Product datasheet for **TA351608**

ROBO2 Rabbit Polyclonal Antibody

Product data:

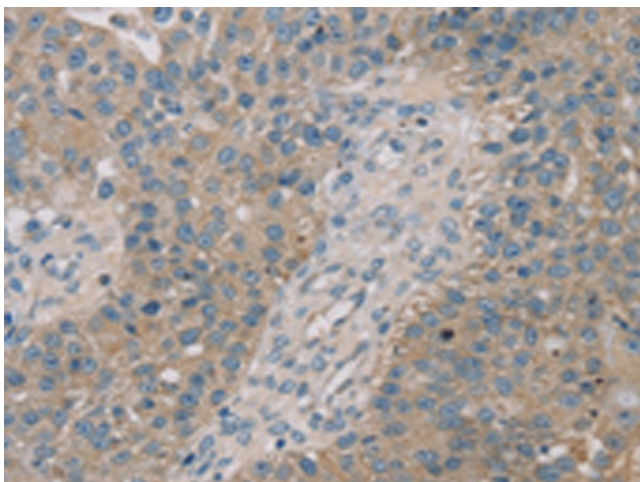
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human breast cancer Predicted cell location: Cytoplasm or Cell membrane
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ROBO2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	roundabout guidance receptor 2
Database Link:	NP_002933 Entrez Gene 6092 Human Q9HCK4
Background:	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.
Synonyms:	SAX3
Protein Families:	Druggable Genome, Transmembrane



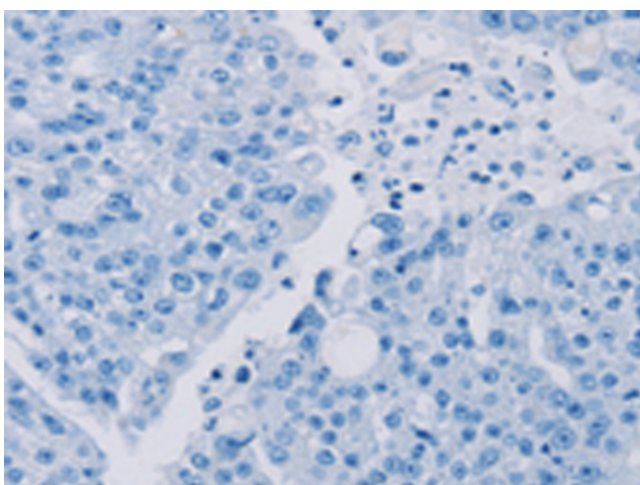
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Protein Pathways: Axon guidance

Product images:



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA351608 (ROBO2 Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA351608 (ROBO2 Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: ×200)