

Product datasheet for **TA349594**

Eph receptor B6 (EPHB6) Rabbit Polyclonal Antibody

Product data:

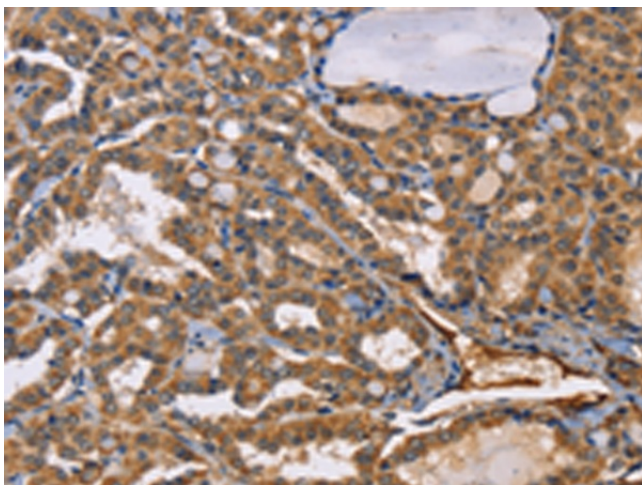
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human EPHB6
Formulation:	pH7.4 PBS, 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:	EPH receptor B6
Database Link:	NP_004436 Entrez Gene 13848 MouseEntrez Gene 312275 RatEntrez Gene 2051 Human O15197
Background:	This gene encodes a member of a family of transmembrane proteins that function as receptors for ephrin-B family proteins. Unlike other members of this family, the encoded protein does not contain a functional kinase domain. Activity of this protein can influence cell adhesion and migration. Expression of this gene is downregulated during tumor progression, suggesting that the protein may suppress tumor invasion and metastasis. Alternative splicing results in multiple transcript variants.
Synonyms:	HEP
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane



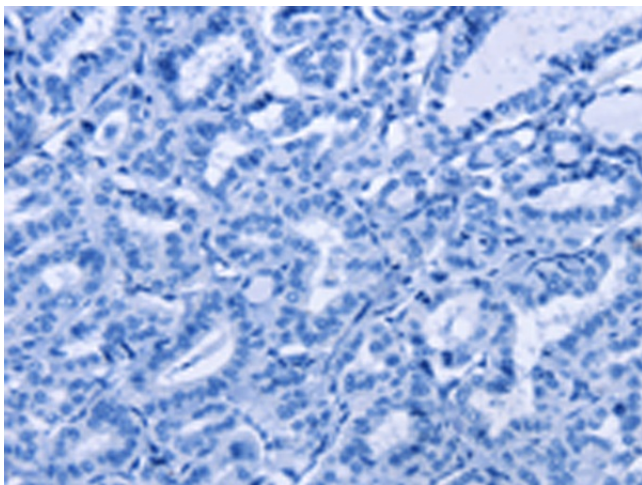
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Protein Pathways: Axon guidance

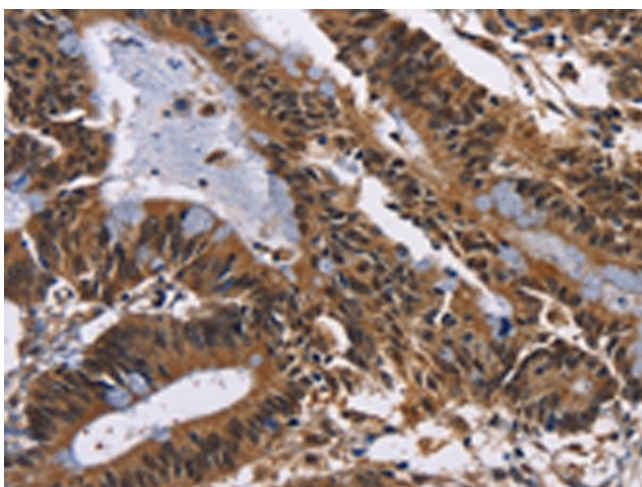
Product images:



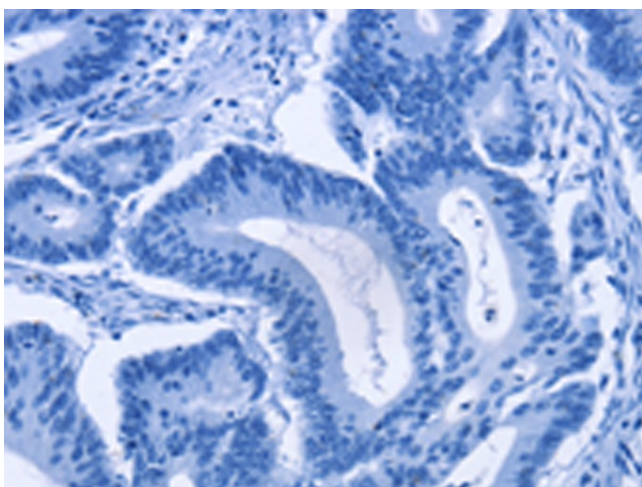
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349594 (EPHB6 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349594 (EPHB6 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA349594 (EPHB6 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA349594 (EPHB6 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)