

Product datasheet for **TA322742S**

Eph receptor A4 (EPHA4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Cell membrane, Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 973-986 amino acids of Human EPH receptor A4
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
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 A4
Database Link:	NP_004429 Entrez Gene 13838 Mouse Entrez Gene 2043 Human P54764

Background: This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events; particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands.

Synonyms: HEK8; SEK; TYRO1

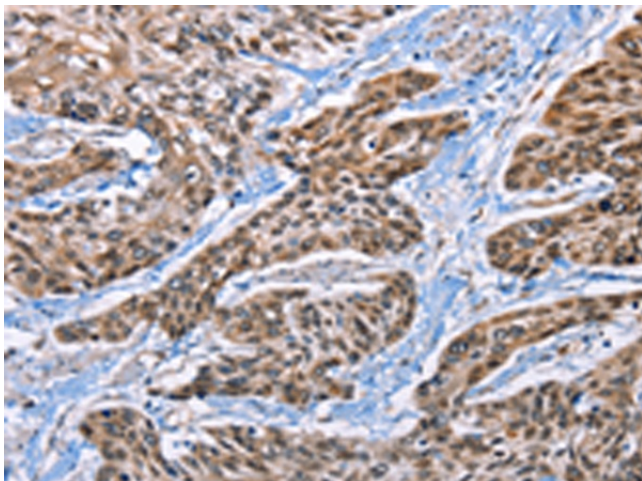
Protein Families: Druggable Genome, Protein Kinase, Transmembrane



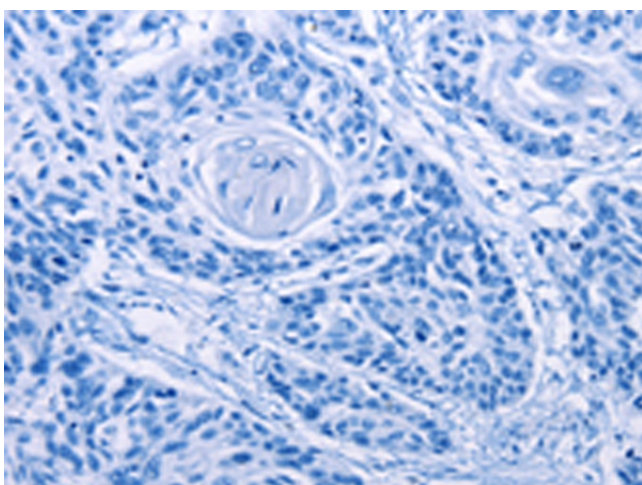
[View online »](#)

Protein Pathways: Axon guidance

Product images:



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA322742] (EPHA4 Antibody) at dilution 1/15 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA322742] (EPHA4 Antibody) at dilution 1/15, treated with synthetic peptide. (Original magnification: $\times 200$)