

Product datasheet for TA344263

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OriGene Technologies, Inc.

Eph receptor A3 (EPHA3) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WE

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for Anti-EPHA3 antibody is: synthetic peptide directed towards the N-

terminal region of Human EPHA3. Synthetic peptide located within the following region:

SVLDSFGELIPQPSNEVNLLDSKTIQGELGWISYPSHGWEEISGVDEHYT

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 59 kDa

Gene Name: EPH receptor A3

Database Link: NP 005224

Entrez Gene 2042 Human

P29320

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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. This gene encodes a protein that binds ephrin-A ligands. Two alternatively spliced transcript

variants have been described for this gene.

Synonyms: EK4; ETK; ETK1; HEK; HEK4; TYRO4

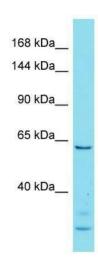
Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Guinea pig: 100%; Rabbit: 93%; Bovine: 92%; Zebrafish: 92%

Protein Families: Druggable Genome, Protein Kinase, Secreted Protein, Transmembrane

Protein Pathways: Axon guidance

Product images:



Host: Rabbit; Target Name: EPHA3; Sample Tissue: Esophagus Tumor lysates; Antibody

Dilution: 1.0 ug/ml