

## Product datasheet for **TA344263**

### Eph receptor A3 (EPHA3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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:	<a href="#">NP_005224</a> <a href="#">Entrez Gene 2042 Human P29320</a>



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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:**

