

## Product datasheet for **TA322696**

### Ephrin A3 (EFNA3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 23-214 amino acids of human ephrin-A3
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% 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.
Predicted Protein Size:	26 kDa
Gene Name:	ephrin A3
Database Link:	<a href="#">NP_004943</a> <a href="#">Entrez Gene 13638 Mouse</a> <a href="#">Entrez Gene 1944 Human</a> <a href="#">P52797</a>



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**Background:**

This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events; especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships; ephrins are divided into the ephrin-A (EFNA) class; which are anchored to the membrane by a glycosylphosphatidylinositol linkage; and the ephrin-B (EFNB) class; which are transmembrane proteins. This gene encodes an EFNA class ephrin.

**Synonyms:**

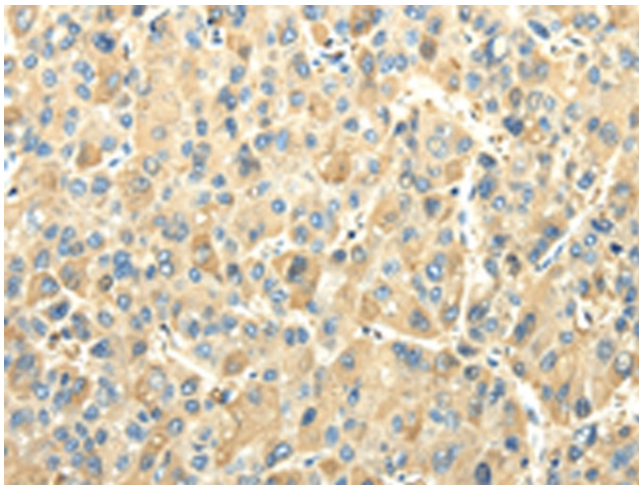
EFL2; Ehk1-L; EPLG3; LERK3

**Protein Families:**

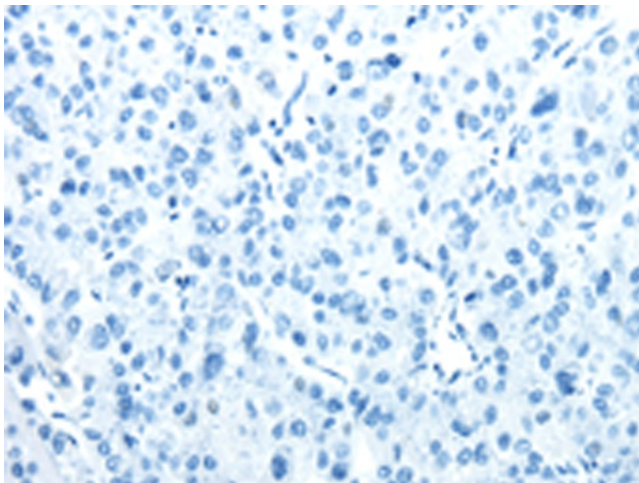
Druggable Genome

**Protein Pathways:**

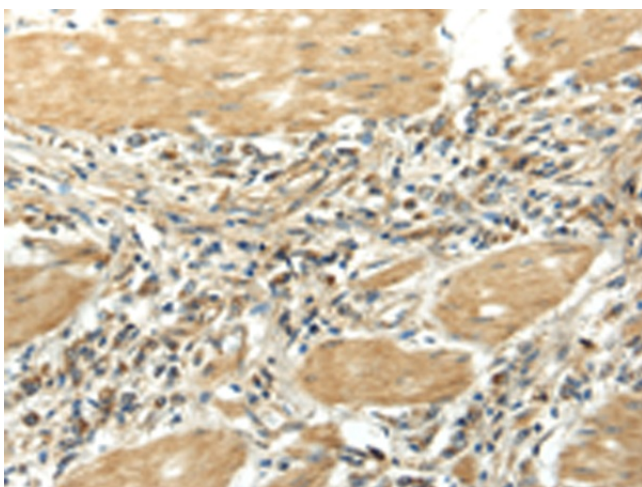
Axon guidance

**Product images:**

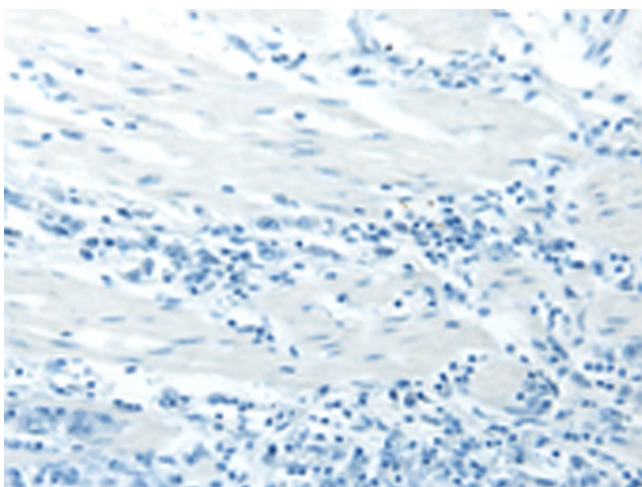
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322696 (EFNA3 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322696 (EFNA3 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA322696 (EFNA3 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA322696 (EFNA3 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification:  $\times 200$ )