

## Anti-EphA3 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human)
Molecular Weight:	Theoretical: 106 kDa. Actual: 140 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with EphA3 polyclonal antibody, unconjugated (TMAB-05616) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: human EphA3 protein
Antigen Species:	Human
Gene ID:	2042
Uniprot ID:	P29320

## Research Background

EphA3 is 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 (EphA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the Ephrin B (EphB) class, which are transmembrane proteins. 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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