

## Product datasheet for **TA360887**

### Ephrin B2 (EFNB2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle terminal region of human EFNB2
Specificity:	<b>Expected reactivity:</b> Human
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>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	37 kDa
Gene Name:	ephrin B2
Database Link:	<a href="#">NP_004084.1</a> <a href="#">Entrez Gene 1948 Human P52799</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 EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors.

**Synonyms:**

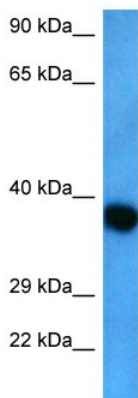
ephrin-B2; EPLG5; HTK-L; HTKL; LERK-5; LERK5; MGC126226; MGC126227; MGC126228

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Axon guidance

**Product images:**

Host: Rabbit  
Target Name: EFNB2  
Sample Type: 786-0 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: EFNB2  
Sample Tissue: Human 786-0 Whole Cell lysates  
Antibody Dilution: 1ug/ml