

Datasheet for ABIN2788846
anti-EFNA4 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	EFNA4
Binding Specificity:	N-Term
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EFNA4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	GPGPPEGPET FALYMVDWPG YESCQAEGRP AYKRWVCSLP FGHVQFSEKI
Predicted Reactivity:	Human: 100%, Pig: 79%
Characteristics:	This is a rabbit polyclonal antibody against EFNA4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EFNA4
Alternative Name:	EFNA4 (EFNA4 Products)
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

Target Details

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. Three transcript variants that encode distinct proteins have been identified.

Alias Symbols: EFL4, EPLG4, LERK4, MGC125826

Protein Interaction Partner: EPHA6, EPHA7, EPHA4, MAP2K4, EPHA5, EPHA2, EPHA8, EPHA3,
Protein Size: 214

Molecular Weight:	24 kDa
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Gene ID:	1945
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NCBI Accession:	NM_182690 , NP_872632
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UniProt:	P52798
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Pathways:	RTK Signaling
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 214 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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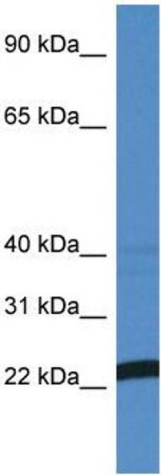
Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Handling

Storage Comment: 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.

Images



Western Blotting

Image 1. WB Suggested Anti-EFNA4 Antibody Titration: 1.0 µg/mL
Positive Control: MCF7 Whole Cell
EFNA4 is supported by BioGPS gene expression data to be expressed in MCF7



Rabbit Anti-EFNA4 Antibody
Catalog Number: ARP61596
Lot Number: QC32371
Lane: MCF7 Cell Lysate

Antibody Titration: 1.0 µg/ml
Gel Concentration: 12%

Western Blotting

Image 2.