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# Datasheet for ABIN2788773 anti-Ephrin A2 antibody (Middle Region)

I Image



Overview

Quantity:	100 μL
Target:	Ephrin A2 (EFNA2)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ephrin A2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Sequence:	YGAPLPPAER MEHYVLYMVN GEGHASCDHR QRGFKRWECN RPAAPGGPLK
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against EFNA2. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Ephrin A2 (EFNA2)
Alternative Name:	EFNA2 (EFNA2 Products)
Background:	This gene encodes a member of the ephrin family. The protein is composed of a signal
	sequence, a receptor-binding region, a spacer region, and a hydrophobic region. The EPH and

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	EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and
	have been implicated in mediating developmental events, particularly in the nervous system.
	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. Posttranslational
	modifications determine whether this protein localizes to the nucleus or the cytoplasm.
	Alias Symbols: ELF-1, EPLG6, HEK7-L, LERK6, LERK-6
	Protein Interaction Partner: BAP1, ADAM10, EPHA5, EPHA3, EPHA2, RUNX1, EPHA7, ZHX1,
	Protein Size: 213
Molecular Weight:	23 kDa
Gene ID:	1943
NCBI Accession:	NM_001405, NP_001396
UniProt:	043921

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 213 AA
Restrictions:	For Research Use only

## Handling

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

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#### aliquots to prevent freeze-thaw cycles.

#### Images



Rabbit Anti-EFNA2 Antibody Catalog Number: ARP61345 Lot Number: QC32672 Lane: Placenta Lysate

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

#### Western Blotting

Image 1.

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