

# ErbB-3 Polyclonal Antibody

Catalog # AP69792

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P21860</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	148098

## Additional Information

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<b>Gene ID</b>	2065
<b>Other Names</b>	ERBB3; HER3; Receptor tyrosine-protein kinase erbB-3; Proto-oncogene-like protein c-ErbB-3; Tyrosine kinase-type cell surface receptor HER3
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	ERBB3
<b>Synonyms</b>	HER3
<b>Function</b>	Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase (PubMed: <a href="#">20682778</a> ). May also be activated by CSPG5 (PubMed: <a href="#">15358134</a> ). Involved in the regulation of myeloid cell differentiation (PubMed: <a href="#">27416908</a> ).
<b>Cellular Location</b>	[Isoform 1]: Cell membrane; Single-pass type I membrane protein
<b>Tissue Location</b>	Epithelial tissues and brain.

## Background

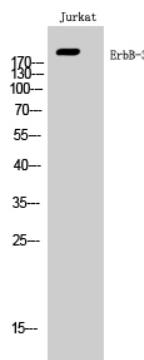
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Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to

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## Images

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Western Blot analysis of Jurkat cells using ErbB-3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.