

Mouse Erbb3 Antibody (P1076)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21398a

Product Information

Application	WB, E
Primary Accession	Q61526
Reactivity	Rat, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB50337
Calculated MW	147613

Additional Information

Gene ID	13867
Other Names	Receptor tyrosine-protein kinase erbB-3, Glial growth factor receptor, Proto-oncogene-like protein c-ErbB-3, Erbb3
Target/Specificity	This Mouse Erbb3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1076-1110 amino acids from the region of Mouse Erbb3.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Erbb3 Antibody (P1076) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Erbb3
Function	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. May also be activated by CSPG5. Involved in the regulation of myeloid cell

differentiation.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

In the muscle, expression localizes to the synaptic sites of muscle fibers

Background

Binds and is activated by neuregulins and NTAK. May also be activated by CSPG5.

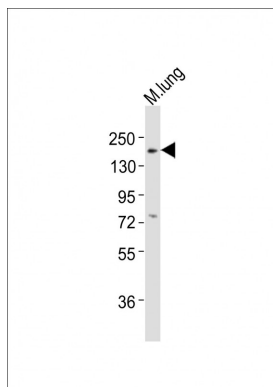
References

Yamauchi J.,et al.Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.

Moscoso L.M.,et al.Dev. Biol. 172:158-169(1995).

Kwon H.S.,et al.J. Biol. Chem. 288:26357-26371(2013).

Images



Anti-ErbB3 Antibody (P1076) at 1:2000 dilution + mouse lung lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 148 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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