

Mouse Erbb3 Antibody (P1076)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21398a**Specification**

Mouse Erbb3 Antibody (P1076) - Product Information

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

Mouse Erbb3 Antibody (P1076) - 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.

Mouse Erbb3 Antibody (P1076) - 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

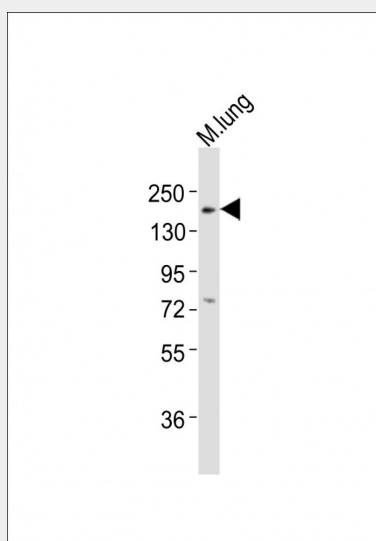
Tissue Location

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

Mouse Erbb3 Antibody (P1076) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Mouse Erbb3 Antibody (P1076) - 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.

Mouse Erbb3 Antibody (P1076) - Background

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

Mouse Erbb3 Antibody (P1076) - 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).