

Rabbit anti-Mouse Erbb2 Polyclonal Antibody | anti-Erbb2 antibody

Mouse Erbb2 Antibody (P1142)

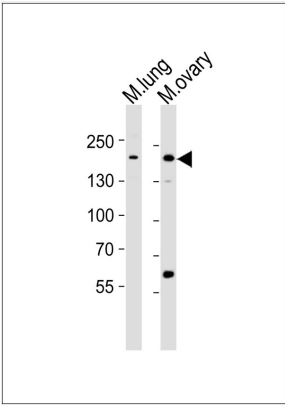
CATALOG # AAA287422	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

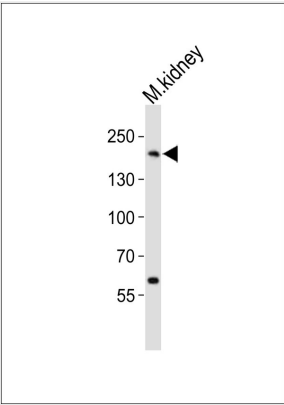
Erbb2; Polyclonal Antibody; Mouse Erbb2 Antibody (P1142); Receptor tyrosine-protein kinase erbB-2; Proto-oncogene Neu; Proto-oncogene c-ErbB-2; p185erbB2; CD340; Kiaa3023; Neu; anti-Erbb2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Erbb2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1142-1176 amino acids from the human region of Mouse Erbb2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Length	1,256
Applicable Applications for anti-Erbb2 antibody	ELISA, WB (Western Blot)
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of lysates from mouse lung, mouse ovary tissue lysate (from left to right), using Erbb2 Antibody (P1142). AAA287422 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



WB (Western Blot)
Western blot analysis of lysate from mouse kidney tissue lysate, using Erbb2 Antibody (P1142). AAA287422 was diluted at 1:500. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-ErbB2 antibody	Protein tyrosine kinase that is part of several cell surface receptor complexes, but that apparently needs a coreceptor for ligand binding. Essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone. GP30 is a potential ligand for this receptor. Regulates outgrowth and stabilization of peripheral microtubules (MTs). Upon ERBB2 activation, the MEMO1-RHOA-DIAPH1 signaling pathway elicits the phosphorylation and thus the inhibition of GSK3B at cell membrane. This prevents the phosphorylation of APC and CLASP2, allowing its association with the cell membrane. In turn, membrane-bound APC allows the localization of MACF1 to the cell membrane, which is required for microtubule capture and stabilization (By similarity).
Product Categories/Family for anti-ErbB2 antibody	Cancer; Signal Transduction
References	Okazaki N.,et al.DNA Res. 10:167-180(2003). Lim J.,et al.Endocrinology 138:1328-1337(1997). Moscoso L.M.,et al.Dev. Biol. 172:158-169(1995). Muthuswamy S.K.,et al.Oncogene 11:271-279(1995). Jaulin-Bastard F.,et al.J. Biol. Chem. 276:15256-15263(2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	54873610
NCBI GeneID	13866
NCBI Accession #	NP_001003817.1
NCBI GenBank Nucleotide #	NM_001003817.1
UniProt Accession #	P70424; Q61525; Q6ZPE0
Molecular Weight	138579
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-2
NCBI Official Synonym Full Names	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)
NCBI Official Symbol	ErbB2
NCBI Official Synonym Symbols	Neu; HER2; HER-2; c-neu; Erbb-2; c-erbB2; mKIAA3023
NCBI Protein Information	receptor tyrosine-protein kinase erbB-2
UniProt Protein Name	Receptor tyrosine-protein kinase erbB-2

UniProt Gene Name	ErbB2
UniProt Synonym Gene Names	Kiaa3023; Neu
UniProt Entry Name	ERBB2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/erbB2-antibody-western-blot-elisa/287422>