

ERBB4 polyclonal antibody

Catalog # PAB5350 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ERBB4.
Immunogen	A synthetic peptide corresponding to C-terminus of human ERBB4.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — ERBB4

Entrez GeneID	2066
Gene Name	ERBB4

Gene Alias	HER4, MGC138404, p180erbB4
Gene Description	v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian)
Omim ID	600543
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the Tyr protein kinase family and the epidermal growth factor receptor subfamily. It encodes a single-pass type I membrane protein with multiple cysteine rich domains, a transmembrane domain, a tyrosine kinase domain, a phosphatidylinositol-3 kinase binding site and a PDZ domain binding motif. The protein binds to and is activated by neuregulins and other factors and induces a variety of cellular responses including mitogenesis and differentiation. Multiple proteolytic events allow for the release of a cytoplasmic fragment and an extracellular fragment. Mutations in this gene have been associated with cancer. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]
Other Designations	avian erythroblastic leukemia viral (v-erb-b2) oncogene homolog 4 receptor tyrosine-protein kinase erbB-4 tyrosine kinase-type cell surface receptor HER4 v-erb-a avian erythroblastic leukemia viral oncogene homolog-like 4 v-erb-a erythroblastic leukemia v

Pathway

- [Calcium signaling pathway](#)
- [Endocytosis](#)
- [ErbB signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Attention](#)
- [Autistic Disorder](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)

- [Cell Transformation](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Lung Neoplasms](#)
- [Melanoma](#)
- [Memory](#)
- [Mental Retardation](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychotic Disorders](#)
- [Reaction Time](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)
- [Tobacco Use Disorder](#)