

ERBB4 antibody

Product Information

Catalog No.:	FNab02829
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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.

Immunogen information

Immunogen:	v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian)
Synonyms:	Receptor tyrosine-protein kinase erbB-4 Proto-oncogene-like protein c-ErbB-4 Tyrosine kinase-type cell surface receptor HER4 p180erbB4 ERBB4 intracellular domain (4ICD, E4ICD) Alternative names: s80HER4 ERBB4 HER4
Observed MW:	180 kDa
Uniprot ID :	Q15303

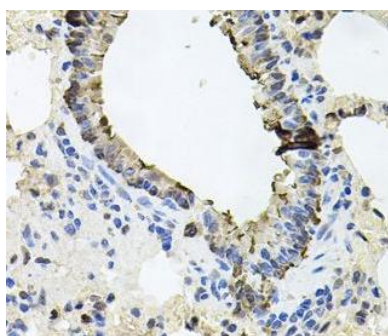
Application

Reactivity: Mouse, Rat

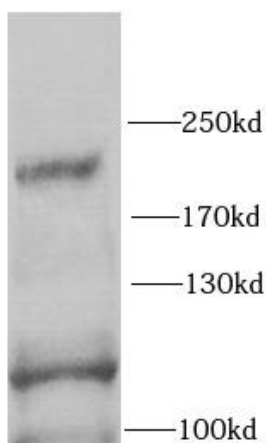
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:500 - 1:1000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded rat lung using FNab02829(ERBB4 antibody) at dilution of 1:100



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab02829(ERBB4 antibody) at dilution of 1:1000