

ERBB4 Antibody

Catalog No: #35681



Package Size: #35681-1 50ul #35681-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

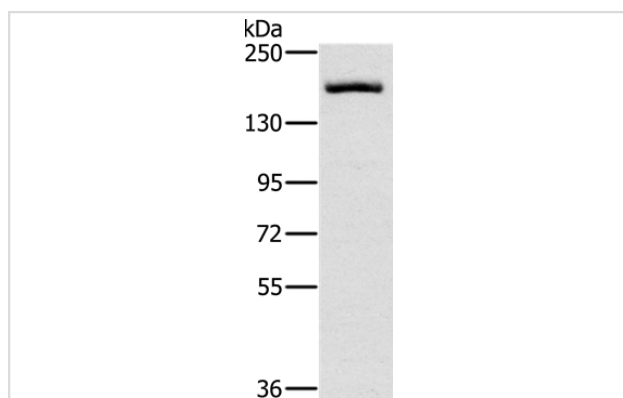
Product Name	ERBB4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total ERBB4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 4
Conjugates	Unconjugated
Target Name	ERBB4
Other Names	HER4; ALS19; p180erbB4
Accession No.	Swiss-Prot#: Q15303NCBI Gene ID: 2066Gene Accssion: BC112199/Q15303
SDS-PAGE MW	147kd
Concentration	1.7mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Storage	Store at -20°C

Application Details

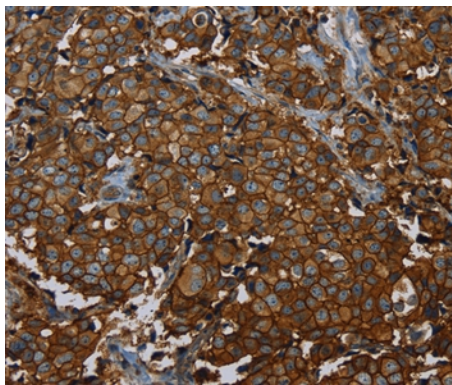
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 6%SDS-PAGE
Lysate: 40ug Hela cell
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 5 seconds



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #35681 at dilution 1/40.

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.?

Published Papers

el at., MicroRNA-146b, a sensitive indicator of mesenchymal stem cell repair of acute renal injury. In Stem Cells Transl Med on 2016 Oct by Yuan Zhu, Jing Yu et al..PMID:27400799, , (2016)

[PMID:27400799](#)

el at., MicroRNA-146b, a sensitive indicator of mesenchymal stem cell repair of acute renal injury. In Stem Cells Transl Med on 2016 Oct by Yuan Zhu, Jing Yu, et al..PMID: 27400799, , (2016)

[PMID:27400799](#)

el at., The Notch1/Hes1 pathway regulates Neuregulin 1/ErbB4 and participates in microglial activation in rats with VPA-induced autism. In Prog Neuropsychopharmacol Biol Psychiatry on 2024 Apr 20 by Yanan Deng, Liping Ma, et al..PMID:38242426, , (2024)

[PMID:38242426](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.