

ERBB4 Antibody

Catalog No: #35681

Package Size: #35681 100ul

Description

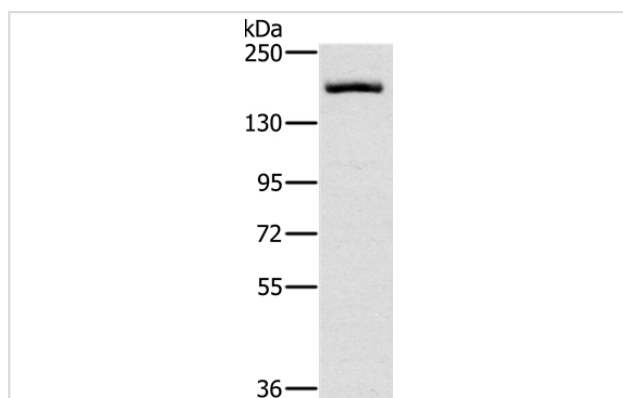
Product Name	ERBB4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total ERBB4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein 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 pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

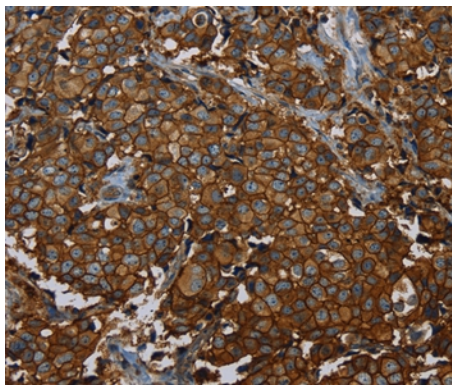
Western blotting: 1:200-1:1000

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.