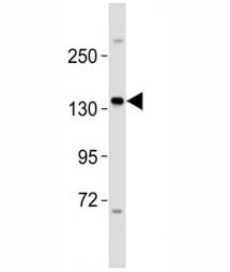
ERBB4 Antibody (F40046)

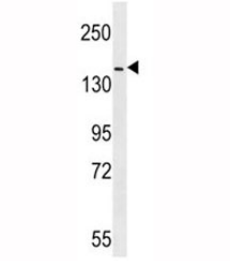
Catalog No.	Formulation	Size
F40046-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40046-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q15303
Applications	Western blot: 1:1000
Limitations	This ERBB4 antibody is available for research use only.



Western blot testing of ERBB4 antibody at 1:2000 dilution + MCF-7 lysate; Predicted molecular weight: 147-180 kDa (precursor), 120, 80 kDa (cleaved forms).



ERBB4 antibody western blot analysis in mouse NIH3T3 lysate

Description

ERBB4 acts as cell-surface receptor for the neuregulins NRG1, NRG2, NRG3 and NRG4 and the EGF family members BTC, EREG and HBEGF. Ligand binding triggers receptor dimerization and autophosphorylation at specific tyrosine residues that then serve as binding sites for scaffold proteins and effectors. [UniProt]

For detection of total HER4 expression, see our HER4 antibody page.

Application Notes

Titration of the ERBB4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1141-1166 from the human protein was used as the immunogen for this ERBB4 antibody.

Storage

Aliquot the ERBB4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.