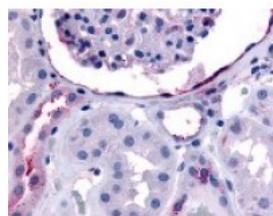




ERBB4 Antibody

CATALOG NUMBER: 48-220



Immunohistochemistry staining of ERBB4 in glomerulus and renal tubular epithelium in cortex tissue using ERBB4 Antibody.

Specifications

SPECIES REACTIVITY:	Gibbon, Gorilla, Human, Monkey
TESTED APPLICATIONS:	IHC
APPLICATIONS:	ERBB4 antibody can be used in ELISA, Western Blot starting at 1:500 - 1:1000, and immunohistochemistry starting at 5 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except ERBB3 (60%).
IMMUNOGEN:	ERBB4 antibody was raised against an internal region of ERBB4 (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.1% sodium azide.
STORAGE CONDITIONS:	ERBB4 antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ERBB4, ERBB 4, HER4, p180 erb4, p180erbB4
ACCESSION NO.:	Q15303
PROTEIN GI NO.:	3913590
OFFICIAL SYMBOL:	ERBB4
GENE ID:	2066

Background

BACKGROUND: ERBB-4 receptor tyrosine kinase is activated by neuregulins, nrg- 2, nrg-3, heparin-binding egf-like growth factor, betacellulin and ntak to regulate cell proliferation and differentiation. Several isoforms of the ERBB-4 receptor tyrosine kinase have been identified and differ functionally in their response to phorbol ester: they represent cleavable and noncleavable forms of the receptor. These isoforms are differentially expressed in tissues.

FOR RESEARCH USE ONLY

December 13, 2016