

HER4/ErbB4(Phospho-Tyr984) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02965
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phospho peptide around human HER4 and ErbB4 (Tyr984)
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	HER4
Synonyms	HER4/ErbB4 ;Tyr984; Receptor tyrosine-protein kinase erbB-4; EC 2.7.10.1; Proto-oncogene-like protein c-ErbB-4; Tyrosine kinase-type cell surface receptor HER4; p180erbB4; ERBB4 intracellular domain; 4ICD; E4ICD; s80HER4;

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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