

Rabbit Anti-ERBB3 Polyclonal Antibody

CPB-1223RH Rabbit(ERBB3)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-ERBB3 Polyclonal Antibody
Antigen Description	Binds and is activated by neuregulins and NTAK.
specificity	The antibody detects endogenous level of total Her3/ErbB3 protein.
Target	ERBB3
Immunogen	Peptide sequence around aa. 1326~1330 (P-D-Y-W-H) derived from Human Her3/ErbB3
Host	Rabbit
Species	Human
Cross Reactivity	Human; Mouse; Rat
conjugation	N/A
Applications	WB,IHC

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

ANTIGEN GENE INFORMATION

Gene Name	ERBB3 v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) [Homo sapiens]
Official Symbol	ERBB3
Synonyms	ERBB3; v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian); LCCS2, lethal congenital contracture syndrome 2; receptor tyrosine-protein kinase erbB-3; HER3; proto-oncogene-like protein c-ErbB-3; tyrosine kinase-type cell surface receptor HER3; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3; MGC88033;
GeneID	2065
mRNA Refseq	NM_001005915
Protein Refseq	NP_001005915
MIM	190151
UniProt ID	P21860
Chromosome Location	12q13
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Downregulation of ERBB2:ERBB3 signaling, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; ErbB receptor signaling network, organism-specific biosystem; ErbB signaling pathway, organism-specific biosystem;

Function

ATP binding; growth factor binding; growth factor binding; nucleotide binding; protein binding; protein heterodimerization activity; protein heterodimerization activity; protein homodimerization activity; protein tyrosine kinase activator activity; NOT protein tyrosine kinase activity; receptor activity; receptor signaling protein tyrosine kinase activity; transmembrane receptor protein tyrosine kinase activity; transmembrane signaling receptor activity;