

ERBB3 Polyclonal Antibody

Catalog number: 10369-1-AP

Size: 20 µg/150 µl

Source: Rabbit

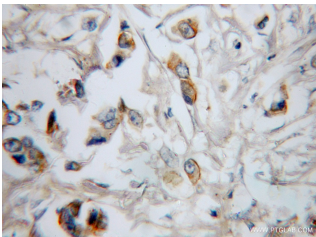
Isotype: IgG

Synonyms:

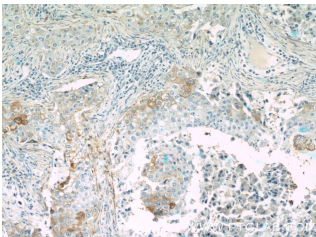
ERBB3; c erbB 3, c erbB3, ErbB 3, ERBB3, erbB3 S, HER3,

LCCS2, MDA BF 1, p180 ErbB3,

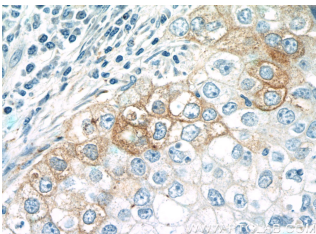
p45 sErbB3, p85 sErbB3



Immunohistochemical of paraffin-embedded human prostate cancer using 10369-1-AP (ERBB3 antibody) at dilution of 1:10 (under 40x lens)



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 10369-1-AP (ERBB3 Antibody) at dilution of 1:200 (under 10x lens)



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 10369-1-AP (ERBB3 Antibody) at dilution of 1:200 (under 40x lens)

Background

V-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (ErbB-3, HER3) is a member of the EGF receptor tyrosine kinase family including EGFR (HER1), Neu (ErbB-2, HER2), ErbB-3 (HER3), and ErbB-4 (HER4) that are frequently overexpressed in a variety of carcinomas. These family members form either homodimers or heterodimers upon ligand binding to mediate cell growth. ErbB-3 binds and is activated by neuregulins and NTAK. It forms a heterodimer with each of the other ErbB receptors. ErbB-3 is predominantly expressed in epithelial tissues and brain, and is overexpressed in a subset of human mammary tumors.

Applications

Tested applications:	ELISA, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated ERBB3 MW:	148 kDa
Observed ERBB3 MW:	185kd
Positive IHC detected in	Human breast cancer tissue, human prostate cancer tissue
Recommended dilution:	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0215
GenBank accession number:	BC002706
Gene ID (NCBI):	2065
Full name:	V-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.