

For Research Use Only

ErbB3/HER3 Polyclonal antibody

Catalog Number: 10369-1-AP

10 Publications



Basic Information

Catalog Number:

10369-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0215

GenBank Accession Number:

BC002706

GeneID (NCBI):

2065

UNIPROT ID:

P21860

Full Name:

v-erb-b2 erythroblastic leukemia
viral oncogene homolog 3 (avian)

Calculated MW:

148 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

IHC : human breast cancer tissue, human prostate
cancer tissue

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Background Information

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Hongbing Li	31556771	Acta Otolaryngol	IHC
Samusi Adediran	36230550	Cancers (Basel)	WB
Wen-Jing Liu	34209278	Cells	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

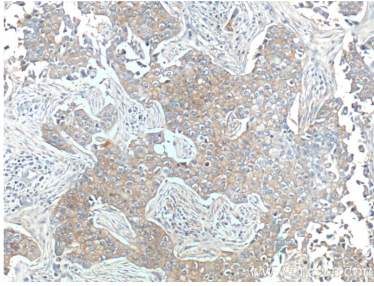
T: 4006900926

E: Proteintech-CN@ptglab.com

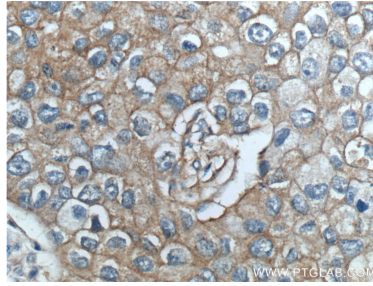
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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



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