

ERBB3 Polyclonal antibody

Catalog Number: 30452-1-AP

Basic Information

Catalog Number:

30452-1-AP

Size:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30713

GenBank Accession Number:

BC082992

GeneID (NCBI):

2065

UNIPROT ID:

P21860

Full Name:

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

Observed MW:

200 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, MDA-MB-453s cells

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 the brain and is overexpressed in a subset of human mammary tumors.

Storage

Storage:

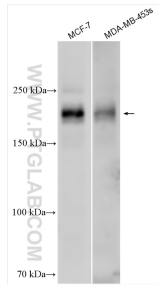
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30452-1-AP (ERBB3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.