

For Research Use Only

# ERBB3 Polyclonal antibody

Catalog Number: 30452-1-AP



## Basic Information

<b>Catalog Number:</b> 30452-1-AP	<b>GenBank Accession Number:</b> BC082992	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2065	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	
<b>Isotype:</b> IgG	<b>Observed MW:</b> 200 kDa	
<b>Immunogen Catalog Number:</b> AG30713		

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : MCF-7 cells, MDA-MB-453s cells
<b>Species Specificity:</b> Human	

## 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

\*\*\* 20ul sizes contain 0.1% BSA

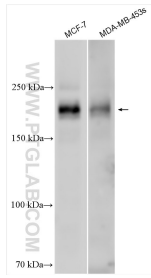
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## Selected Validation Data



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.