

Datasheet for ABIN7440776
anti-ERBB4 antibody (AA 29-278)

7 Images

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Overview

Quantity:	100 µL
Target:	ERBB4
Binding Specificity:	AA 29-278
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERBB4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Erb-b2 Receptor Tyrosine Kinase 4 (ErbB4)
Immunogen:	Recombinant Erb-b2 Receptor Tyrosine Kinase 4 (ErbB4) corresponding to Cys29~Asn278
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ErbB4. It has been selected for its ability to recognize ErbB4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

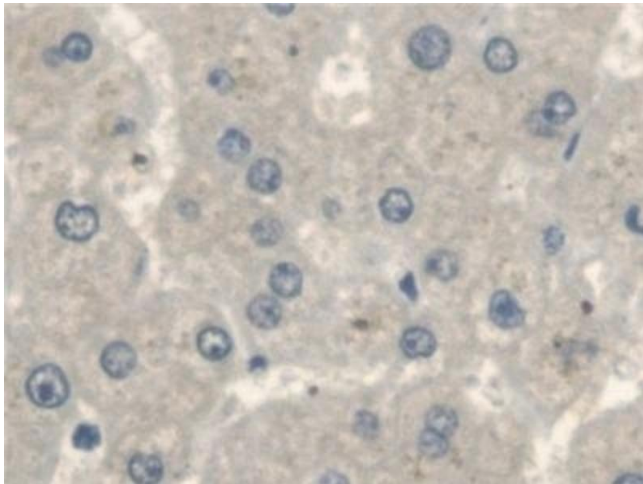
Target:	ERBB4
Alternative Name:	Erb-b2 Receptor Tyrosine Kinase 4 (ERBB4 Products)
Background:	HER4, P180erbB4, V-Erb A Erythroblastic Leukemia Viral Oncogene Homolog 4, Proto-oncogene-like protein c-ErbB-4, Tyrosine kinase-type cell surface receptor HER4
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

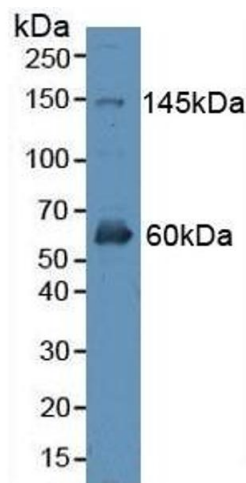
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



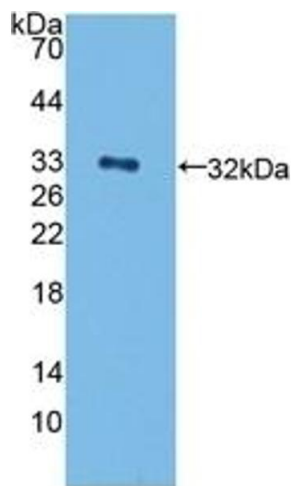
Immunohistochemistry

Image 1. Detection of ErbB4 in Human Liver Tissue using Polyclonal Antibody to Erb-b2 Receptor Tyrosine Kinase 4 (ErbB4)



Western Blotting

Image 2. Detection of ErbB4 in Rat Brain Tissue using Polyclonal Antibody to Erb-b2 Receptor Tyrosine Kinase 4 (ErbB4)



Western Blotting

Image 3. Detection of Recombinant ErbB4, Human using Polyclonal Antibody to Erb-b2 Receptor Tyrosine Kinase 4 (ErbB4)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7440776.