

Datasheet for ABIN7443362
anti-EGFR antibody (AA 888-1210)

5 Images

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Overview

Quantity:	100 µL
Target:	EGFR
Binding Specificity:	AA 888-1210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGFR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Epidermal Growth Factor Receptor (EGFR)
Immunogen:	Recombinant Epidermal Growth Factor Receptor (EGFR) corresponding to His888~Ala1210 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against EGFR. It has been selected for its ability to recognize EGFR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

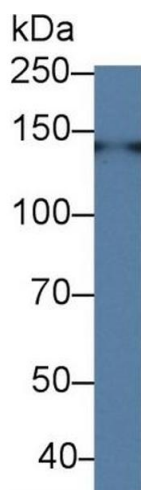
Target:	EGFR
Alternative Name:	Epidermal Growth Factor Receptor (EGFR Products)
Background:	ErbB-1, ErbB1, ER1, ERB-B1, MENA, HER1, Erythroblastic Leukemia Viral(v-Erb-B)oncogene Homolog,Avian, Proto-oncogene c-ErbB-1, Receptor tyrosine-protein kinase erbB-1
Pathways:	NF-kappaB Signaling , RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Stem Cell Maintenance , Hepatitis C , Positive Regulation of Response to DNA Damage Stimulus , Interaction of EGFR with phospholipase C-gamma , Thromboxane A2 Receptor Signaling , EGFR Downregulation , S100 Proteins

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

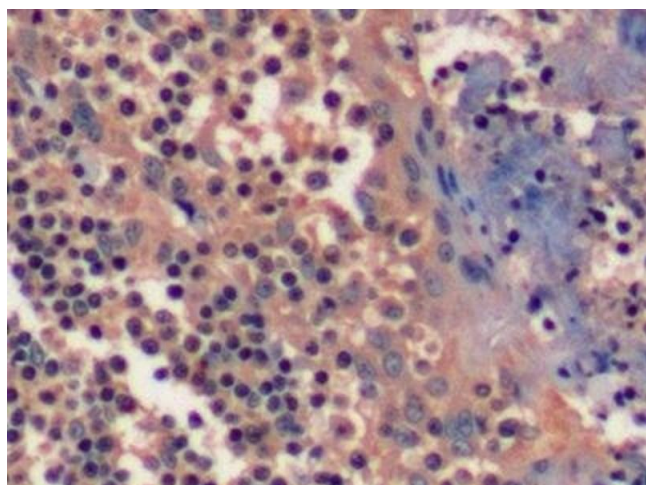
Handling

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



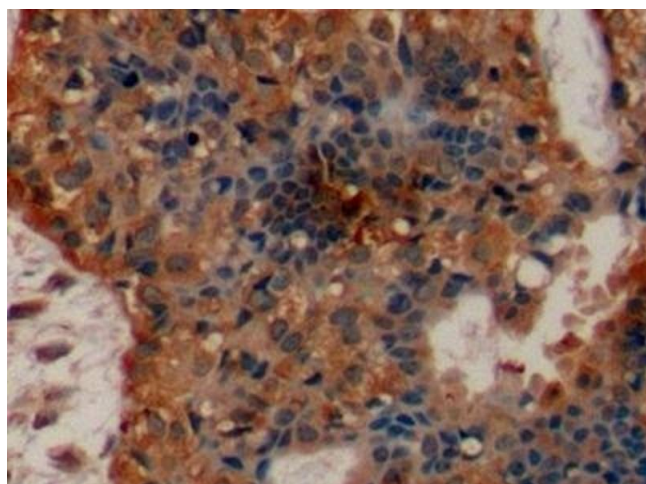
Western Blotting

Image 1. Detection of EGFR in Porcine Liver lysate using Polyclonal Antibody to Epidermal Growth Factor Receptor (EGFR)



Immunohistochemistry

Image 2. Detection of EGFR in Human Tonsil Tissue using Polyclonal Antibody to Epidermal Growth Factor Receptor (EGFR)



Immunohistochemistry

Image 3. Detection of EGFR in Human Breast cancer Tissue using Polyclonal Antibody to Epidermal Growth Factor Receptor (EGFR)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7443362.