

Datasheet for ABIN7429724
anti-EGF antibody (AA 45-275)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	EGF
Binding Specificity:	AA 45-275
Reactivity:	Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Epidermal Growth Factor (EGF)
Immunogen:	Recombinant Epidermal Growth Factor (EGF) corresponding to Ala45~His275 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against EGF. It has been selected for its ability to recognize EGF in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	EGF
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Target Details

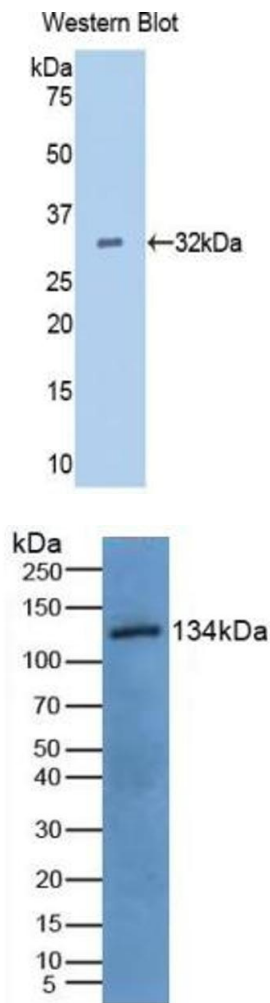
Alternative Name:	Epidermal Growth Factor (EGF Products)
Background:	URG, Beta-Urogastrone, Pro-epidermal growth factor
Pathways:	NF-kappaB Signaling , RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Carbohydrate Metabolic Process , Hepatitis C , Protein targeting to Nucleus , Interaction of EGFR with phospholipase C-gamma , Thromboxane A2 Receptor Signaling , EGFR Downregulation

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



Western Blotting

Image 1. Detection of Recombinant EGF, Porcine using Polyclonal Antibody to Epidermal Growth Factor (EGF)

Western Blotting

Image 2. Detection of EGF in Porcine Uterus Tissue using Polyclonal Antibody to Epidermal Growth Factor (EGF)