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Datasheet for ABIN7430306

anti-Amphiregulin antibody (AA 94-191)

1 Image

Overview

Quantity:	100 µL
Target:	Amphiregulin (AREG)
Binding Specificity:	AA 94-191
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Amphiregulin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Amphiregulin (AREG)
Immunogen:	Recombinant Amphiregulin (AREG) corresponding to Ser94~Lys191 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against AREG. It has been selected for its ability to recognize AREG in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Amphiregulin (AREG)
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Target Details

Alternative Name:	Amphiregulin (AREG Products)
Background:	AR, CRDGF, SDGF, Colorectum Cell-Derived Growth Factor, Schwannoma-Derived Growth Factor
Pathways:	RTK Signaling, EGFR Signaling Pathway

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:300-1200 Immunohistochemistry: 5-20 µg/mL 1:30-120 Immunocytochemistry: 5-20 µg/mL 1:30-120 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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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 AREG in Mouse Skin lysate using Polyclonal Antibody to Amphiregulin (AREG)