

Datasheet for ABIN7539230 **anti-Amphiregulin antibody**



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Overview

Quantity:	100 µg
Target:	Amphiregulin (AREG)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Amphiregulin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Amphiregulin antibody
Immunogen:	recombinant human Amphiregulin
Purification:	Protein A purified

Target Details

Target:	Amphiregulin (AREG)
Alternative Name:	Amphiregulin (AREG Products)
Background:	<p>AREG, AR, SDGF, AREGB, CRDGF, Amphiregulin is an EGF related growth factor that signals through the EGF/TGF-α receptor, and stimulates growth of keratinocytes, epithelial cells and some fibroblasts. Amphiregulin also inhibits the growth of certain carcinoma cell lines.</p> <p>Synthesized as a transmembrane protein, Amphiregulin's extracellular domain is proteolytically processed to release the mature protein. There are 6 conserved cysteine residues, which form 3</p>

Target Details

intramolecular disulfide bonds essential for biological activity. Recombinant human Amphiregulin is a 11.3 kDa glycoprotein consisting of 98 amino acid residues.

Gene ID:	374
NCBI Accession:	NM_001657, NP_001648
UniProt:	P15514
Pathways:	RTK Signaling, EGFR Signaling Pathway

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS
Storage:	4 °C, -20 °C
Storage Comment:	The lyophilized antibody is stable for at least 2 years at -20°C. After sterile reconstitution the antibody is stable at 2-8°C for up to 6 months. Frozen aliquots are stable for at least 6 months when stored at -20°C. Addition of a carrier protein or 50% glycerol is recommended for frozen aliquots.
Expiry Date:	24 months