

# Amphiregulin Polyclonal Antibody

Cat No: HR1AP5482

For research use only

## Overview

Product Name	Amphiregulin Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	29kDa
GeneID?Human?	AREG/AREGB
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	AREG; SDGF; AREGB; Amphiregulin; AR; Colorectum cell-derived growth factor; CRDGF
Background	<p>amphiregulin(AREG) Homo sapiens The protein encoded by this gene is a member of the epidermal growth factor family. It is an autocrine growth factor as well as a mitogen for astrocytes, Schwann cells and fibroblasts. It is related to epidermal growth factor (EGF) and transforming growth factor alpha (TGF-alpha). The protein interacts with the EGF/TGF-alpha receptor to promote the growth of normal epithelial cells, and it inhibits the growth of certain aggressive carcinoma cell lines. It also functions in mammary gland, oocyte and bone tissue development. This gene is associated with a psoriasis-like skin phenotype, and is also associated with other pathological disorders, including various types of cancers and inflammatory conditions. [provided by RefSeq, Apr 2014],</p>