



# Anti-AREG (aa 108-126) polyclonal antibody (CPBT-65599RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit anti Human Amphiregulin antibody recognizes human amphiregulin, an epidermal growth factor (EGF)-related glycoprotein that is involved in the differentiation and proliferation of a wide range of cell types. These actions are mediated through binding to the EGF receptor. The amino acid sequence of the peptide immunogen applies to the 252 amino acid precursor from the areg gene. This contains sites that may be glycosylated in the native molecule.
<b>Specificity</b>	AREG
<b>Immunogen</b>	Synthetic peptide corresponding to the amino acids 108 - 126 of the native molecule conjugated to Keyhole limpet Haemocyanin.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	1 ml
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">AREG amphiregulin [ Homo sapiens (human) ]</a>
Official Symbol	AREG
Synonyms	AREG; amphiregulin; AREGB; amphiregulin B; AR; SDGF; AREGB; CRDGF; colorectum cell-derived growth factor; schwannoma-derived growth factor
Entrez Gene ID	<a href="#">374</a>
Protein Refseq	<a href="#">NP_001648.1</a>
UniProt ID	P15514
Chromosome Location	4q13.3
Pathway	ErbB receptor signaling network; ErbB signaling pathway; FSH signaling pathway; Hippo signaling pathway;
Function	cytokine activity; epidermal growth factor receptor binding; growth factor activity; protein binding