



# Anti-AREG polyclonal antibody (CPBT-65600RH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This product recognises human amphiregulin, a 27.9 kDa single pass membrane protein belonging to the amphiregulin family. Amphiregulin is 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. Immunohistology This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
<b>Specificity</b>	AREG
<b>Immunogen</b>	Synthetic peptide sequence corresponding to amino acids 8 – 26 of Human amphiregulin.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IP; IHC-P
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	50 µg
<b>Preservative</b>	0.05% 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