

AREG Rabbit Polyclonal Antibody



CAB12680

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

43kDa

Calculated MW:

27kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:1000 - 1:2000 IHC
1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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.

Immunogen information

Gene ID:

374

Uniprot

P15514

Synonyms:

AREG; AR; AREGB; CRDGF; SDGF; amphiregulin

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 20-252 of human AREG (NP_001648.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

