

GROα rabbit pAb

Cat No.: ES5681

For research use only

Overview

Product Name GROα rabbit pAb

Host species Rabbit

Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human GROalpha. AA

range:39-88

Specificity GROα Polyclonal Antibody detects endogenous

levels of GRO α protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Growth-regulated alpha protein

Gene Name CXCL1 **Cellular localization** Secreted.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 2919 Human Swiss-Prot Number P09341

Alternative Names CXCL1; GRO; GRO1; GROA; MGSA; SCYB1;

Growth-regulated alpha protein; C-X-C motif

chemokine 1; GRO-alpha(1-73); Melanoma growth stimulatory activity; MGSA; Neutrophil-activating

protein 3; NAP-3

Background This antimicrobial gene encodes a member of the

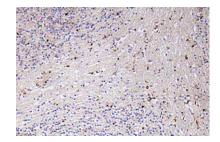
CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the





G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils. Aberrant expression of this protein is associated with the growth and progression of certain tumors. A naturally occurring processed form of this protein has increased chemotactic activity. Alternate splicing results in coding and non-coding variants of this gene. A pseudogene of this gene is found on chromosome 4. [provided by RefSeq, Sep 2014],

Immunohistochemistry analysis of GRO α antibody in paraffin-embedded human brain tissue.



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