Datasheet for ABIN5706813

anti-Ngp antibody (C-Term)

1 Publication

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Overview

Quantity:	100 µg
Target:	Ngp (NGP)
Binding Specificity:	C-Term
Reactivity:	Mouse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ngp antibody is un-conjugated
Application:	Fluorescence Microscopy (FM), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Affinity purified Anti-Ngp antibody was prepared from whole rabbit serum produced by repeated immunizations with a recombinant protein of mouse Ngp protein. Immunogen Type: Recombinant Protein
Isotype:	IgG
Characteristics:	Synonyms: rabbit anti-Ngp antibody, Neutrophilic granule protein, Cystatin-like protein, Myeloid bactenecin protein, Myeloid secondary granule protein Background: This antibody is designed, produced, and validated as part of a collaboration between Rockland and the National Cancer Institute (NCI). A proteomic study in 2011 determined a direct correlation between NGP mRNA levels and myeloid-derived suppressor cells. Specifically cathepsin B, a catalytic mechanism and potentially biomarker in a variety of cancers and amyloid plaque development, was inhibited by NGP. The significance of NGP as a negative regulator of tumor metastasis makes this antibody ideal for investigators involved in

Product Details

	cancer research, as well as Alzheimer's research. Gene Name: Ngp
Purification:	Anti-Ngp is directed against full-length mouse Ngp. This product is an affinity purified antibody produced by immunoaffinity chromatography using recombinant protein coupled to agarose beads. A BLAST analysis was used to suggest reactivity with this protein in Ngp based on 100% homology match for the immunogen sequence.

Target Details

Target:	Ngp (NGP)
Alternative Name:	Ngp (NGP Products)
Gene ID:	18054
NCBI Accession:	NP_032720

Application Details

Application Notes:	Application Note: This affinity purified antibody has been tested for use in IF, and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band 39-42 kDa for non reduced and 20-27 kDa for reduced gels corresponding to Ngp by western blotting in the appropriate cell lysate or extract. Western Blot Dilution: 1:1000 IF Microscopy Dilution: 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.1 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Expiry Date:	12 months

Publications

Product cited in:	Hong, Qu, Wuest, Huang, Huang, Lin: "Neutrophilic Granule Protein Is a Novel Murine LPS Antagonist." in: **Immune network**, Vol. 19, Issue 5, pp. e34, (2019) (PubMed).

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