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Datasheet for ABIN3043104

anti-NLRP4G antibody (C-Term)

1 Image

1 Publication

Overview

Quantity:	100 µg
Target:	NLRP4G
Binding Specificity:	AA 704-721, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for NLR family, pyrin domain containing 4G(Nlrp4g) detection. Tested with WB, IHC-P in Mouse.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of mouse NLRP4G(704-721aa SLQYLDLGCSFLTHSEVK).
Sequence:	SLQYLDLGCS FLTHSEVK
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for NLR family, pyrin domain containing 4G(Nlrp4g) detection. Tested with WB, IHC-P in Mouse. Gene Name: Nlrp4g NLR family, pyrin domain containing 4G Protein Name: NLR family, pyrin domain containing 4G
Purification:	Immunogen affinity purified.

Target Details

Target:	NLRP4G
Alternative Name:	Nlrp4g (NLRP4G Products)
Background:	Synonyms: MGC91128 antibody Nalp4g antibody NLR family pyrin domain containing 4G antibody

Application Details

Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Mouse, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Handling

Expiry Date: 12 months

Publications

Product cited in: Liu, Chen, Wang, Yang, Xue, Zhu: "Msi1 confers resistance to TRAIL by activating ERK in liver cancer cells." in: **FEBS letters**, Vol. 589, Issue 8, pp. 897-903, (2015) ([PubMed](#)).

Images



Western Blotting

Image 1. Anti-NLRP4G antibody, Western blotting WB: Mouse Ovary Tissue Lysate