

Anti-NLRP3 Antibody

CATALOG NO.: A1767-100 100 µl.

BACKGROUND DESCRIPTION: This gene encodes a pyrin-like protein containing a pyrin domain, a nucleotide-binding site (NBS) domain, and a leucine-rich repeat (LRR) motif. This protein interacts with the apoptosis-associated speck-like protein PYCARD/ASC, which contains a caspase recruitment domain, and is a member of the NALP3 inflammasome complex. This complex functions as an upstream activator of NF-kappaB signaling, and it plays a role in the regulation of inflammation, the immune response, and apoptosis. Mutations in this gene are associated with familial cold auto inflammatory syndrome (FCAS), Muckle-Wells syndrome (MWS), chronic infantile neurological cutaneous and articular (CINCA) syndrome, and neonatal-onset multisystem inflammatory disease (NOMID). Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Alternative 5' UTR structures are suggested by available data; however, insufficient evidence is available to determine if all of the represented 5' UTR splice patterns are biologically valid.

ALTERNATE NAMES: AII/AVP, FCAS, PYPAF1, NLRP3, MWS, NACHT, CIAS1, AGTAVPRL.

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.1 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Recombinant protein of human NLRP3.

PURIFICATION: Affinity purification.

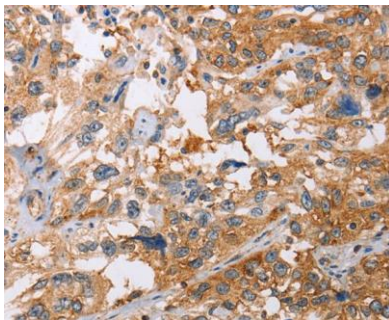
FORM: Liquid.

FORMULATION: PBS with 0.05% sodium azide, 50% glycerol, PH7.3

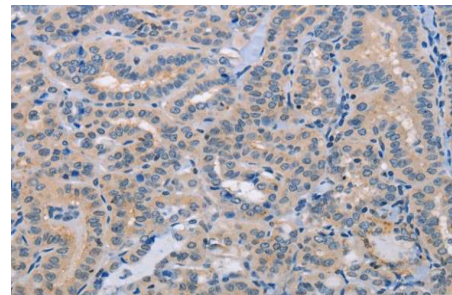
SPECIES REACTIVITY: Human.

STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles.

APPLICATIONS AND USAGE: IHC 1:15-1:50.



IHC staining of paraffin-embedded Human esophagus cancer tissue using Anti-NLRP3 Antibody.



IHC staining of paraffin-embedded Human thyroid cancer tissue using Anti-NLRP3 Antibody.

RELATED PRODUCTS:

- OLT1177 (Cat# B2358).
- Apaf-1 Antibody (Cat# 3018).
- MCC950 (Free base) (Cat# B1031).

FOR RESEARCH USE ONLY | Not to be used on humans