

NUP188 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58188

Specification

NUP188 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC

Primary Accession <u>Q5SRE5</u>

Reactivity
Host
Clonality
Rat, Pig, Dog, Bovine
Rabbit
Polyclonal

Clonality
Calculated MW
Physical State
Polyclon
196 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human NUP188

Epitope Specificity 671-770/1749

Isotype IgG
Purity

Buffer Preservative: 0.02% Proclin300,

Constituents: 1% BSA, 0.01M PBS, pH7.4.

SUBCELLULAR LOCATION Nucleus, nuclear pore complex.

DISEASE Copy number variations of NUP188 gene may be a cause of heterotaxy, a congenital

heart disease resulting from abnormalities in left-right (LR) body patterning.

Important Note

This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

affinity purified by Protein A

The nuclear pore complex (NPC) is found on the nuclear envelope and forms a gateway that regulates the flow of proteins and RNAs between the cytoplasm and nucleoplasm. The NPC is comprised of approximately 30 distinct proteins collectively known as nucleoporins. Nucleoporins are pore-complex-specific glycoproteins which often have cytoplasmically oriented O-linked N-acetylglucosamine residues and numerous repeats of the pentapeptide sequence XFXFG. However, the nucleoporin protein encoded by this gene does not contain the typical FG repeat sequences found in most vertebrate nucleoporins. This nucleoporin is thought to form part of the scaffold for the central channel of the nuclear pore. [provided by RefSeq, Jan 2013]

NUP188 Polyclonal Antibody - Additional Information

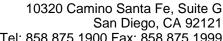
Gene ID 23511

Other Names

Nucleoporin NUP188, hNup188, NUP188, KIAA0169

Dilution

IHC-P~~N/A<br \><span class</pre>





Tel: 858.875.1900 Fax: 858.875.1999

="dilution IHC-F">IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NUP188 Polyclonal Antibody - Protein Information

Name NUP188

Synonyms KIAA0169

Function

Component of the nuclear pore complex (NPC), a complex required for the trafficking across the nuclear envelope (Probable). Required for proper protein transport into the nucleus (PubMed:32275884).

Cellular Location

Nucleus, nuclear pore complex

NUP188 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NUP188 Polyclonal Antibody - Images