

C9orf127 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54297**Specification****C9orf127 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, E
Primary Accession	A6NDV4
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NGX6
Epitope Specificity	21-120/472
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane. Cytoplasm. Nucleus. Mitochondrion. Endoplasmic reticulum. Also detected in mitochondrion and endoplasmic reticulum.
SIMILARITY	Belongs to the TMEM8 family. Contains 1 EGF-like domain.
SUBUNIT	Isoform 2 (via its cytoplasmic part) interacts with EZR.
Post-translational modifications	Isoform 2 is N-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

NGX6 (nasopharyngeal carcinoma/NPC associated gene 6) may function as a regulator of the EGFR pathway. Probable tumor suppressor which may function in cell growth, proliferation and adhesion. [SUBUNIT] Isoform 2 (via its cytoplasmic part) interacts with EZR. [SUBCELLULAR LOCATION] Isoform 2: Cell membrane; Multi-pass membrane protein (Probable). Cytoplasm (Probable). Nucleus (Probable). Mitochondrion. Endoplasmic reticulum. Belongs to the NGX6 family. The down-regulation of C9orf127 may be closely associated with tumorigenesis and metastasis of colorectal carcinoma. However, it may not contribute to the development and progression of gastric carcinoma.

C9orf127 Polyclonal Antibody - Additional Information**Gene ID** 51754**Other Names**

Transmembrane protein 8B, Nasopharyngeal carcinoma-associated gene 6 protein, Protein NAG-5, Protein NGX6, TMEM8B, C9orf127, NGX6

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
E~~N/A

Storage

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.

C9orf127 Polyclonal Antibody - Protein Information

Name TMEM8B

Synonyms C9orf127, NGX6

Function

May function as a regulator of the EGFR pathway. Probable tumor suppressor which may function in cell growth, proliferation and adhesion.

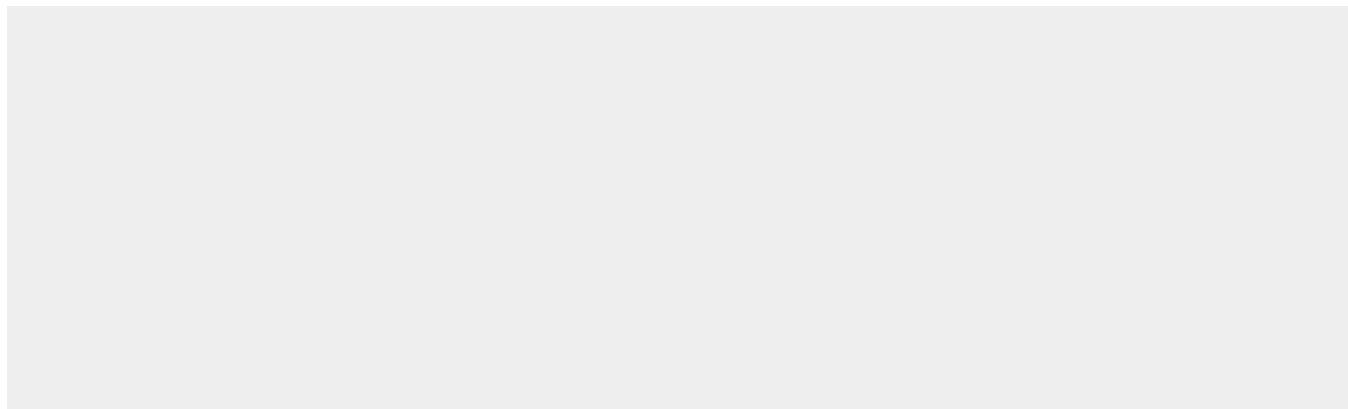
Cellular Location

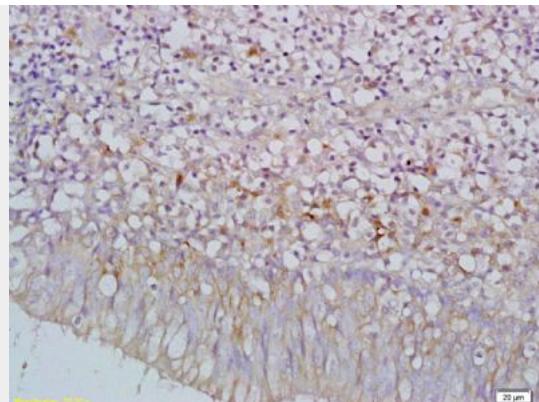
[Isoform 2]: Cell membrane; Multi-pass membrane protein. Cytoplasm Nucleus. Mitochondrion. Endoplasmic reticulum. Note=Also detected in mitochondrion and endoplasmic reticulum (PubMed:17641538)

C9orf127 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 Cytometry](#)
- [Cell Culture](#)

C9orf127 Polyclonal Antibody - Images



Tissue/cell: human nasopharyngeal carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-NGX6/C9orf127 Polyclonal Antibody, Unconjugated(bs-1065R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining