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[Primary Antibody]

Rabbit Anti-C9orf127 antibody

Catalog Number: SL1065R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf127
Immunogen:	KLH conjugated synthetic peptide derived from human NGX6: 21-120/472
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, (predicted: Mouse, Rat, Cow)
Predicted MW.:	52kDa
Subcellular Location:	The nucleus cytoplasmic The cell membrane
Background:	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. **Function:** 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.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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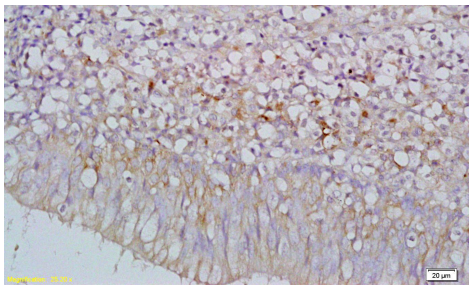
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	Subcellular Location: Cell membrane. Cytoplasm. Nucleus. Mitochondrion. Endoplasmic reticulum. Also detected in mitochondrion and endoplasmic reticulum. **Post-translational modifications:** Isoform 2 is N-glycosylated. **Similarity:** Belongs to the TMEM8 family. Contains 1 EGF-like domain. **Database links:** **Entrez Gene:** 51754 Human **Entrez Gene:** 100125302 Cow **Entrez Gene:** 242409 Mouse **Entrez Gene:** 313490 Rat **SwissProt:** A6QLK4 Cow **SwissProt:** A6NDV4 Human **SwissProt:** B1AWJ5 Mouse **Unigene:** 493808 Human **Unigene:** 171489 Mouse NGX6is an important protein associated with the occurrence and development of nasopharyngeal carcinoma,NGX-6acts on nasopharyngeal carcinoma cells，The antibody can be used for the diagnosis of nasopharyngeal carcinoma。Some scholars believe that NGX6 is also expressed in some Tumours of the digestive system.

[VALIDATION IMAGES]



Tissue/cell: human nasopharyngeal carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, 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℃ for 20 min;
Incubation: Anti-NGX6/C9orf127 Polyclonal Antibody, Unconjugated(SL1065R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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