SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C8orf72 antibody

Catalog Number: SL15299R

FOR RESEARCH USE ONLY

[DATASHEET]

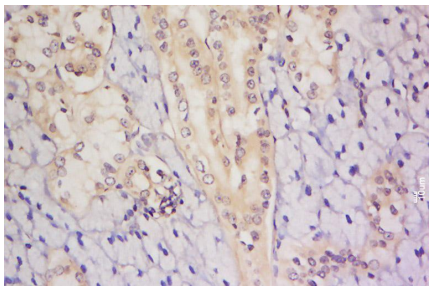
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C8orf72
Immunogen:	KLH conjugated synthetic peptide derived from human C8orf72: 1-100/370
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. 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,Chicken,Dog,Pig,Cow,Horse,Rabbit)
Predicted MW.:	41kDa
Subcellular Location:	cytoplasmic
Background:	FAM110B is a 370 amino acid protein, which contains several motifs that are conserved among FAM110 family members and a proline-rich region through which it probably binds proteins. Localized to the nucleus where they associate with centrosomes, FAM110A, FAM110B and FAM110C accumulate at the spindle poles during mitosis. Expression of FAM110B and FAM110C impairs cell cycle progression through G1 phase. FAM110B is expressed in testis, thyroid and spleen and is found at lower levels in ovary, adrenal gland, stomach, trachea, intestine, lymph node, spinal cord and prostate. The gene encoding FAM110B maps to human chromosome 8, which is made up of nearly 146 million bases and encodes about 800 genes. Chromosome 8 is also associated with Pfeiffer syndrome, congenital hypothyroidism and Waardenburg syndrome. **Function:** May be involved in tumor progression.

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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	Subcellular Location: Cytoplasm. Cytoplasm, cytoskeleton, centrosome. **Tissue Specificity:** Detected in thyroid, spleen and testis, and at lower levels in stomach, spinal cord, lymph node, trachea, adrenal gland, prostate, ovary and intestine. [SIMILARITY] Belongs to the FAM110 family. **Database links:** **Entrez Gene:** 90362 Human Omim: 611394 Human **SwissProt:** Q8TC76 Human **Unigene:** 154652 Human

[VALIDATION IMAGES]



Tissue/cell: human thyroid tissue; 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°C for 20 min;
Incubation: Anti- C8orf72 Polyclonal Antibody, Unconjugated(SL15299R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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