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C8orf72 Rabbit pAb

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Catalog # AP55931

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8TC76
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Rabbit, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40728
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C8orf72
Epitope Specificity	1-100/370
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	Cytoplasm. Cytoplasm, cytoskeleton, centrosome.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	90362
Other Names	Protein FAM110B, FAM110B, C8orf72
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

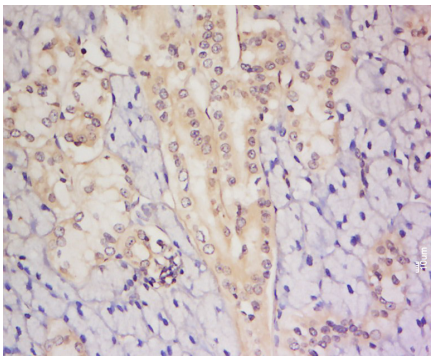
Protein Information

Name	FAM110B
Synonyms	C8orf72
Function	May be involved in tumor progression.
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome
Tissue Location	Detected in thyroid, spleen and testis, and at lower levels in stomach, spinal cord, lymph node, trachea, adrenal gland, prostate, ovary and intestine.

Background

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Images



Tissue/cell: human thyroid tissue; 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℃ for 20 min; Incubation: Anti- C8orf72 Polyclonal Antibody, Unconjugated(AP55931) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.