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CSAG1 Rabbit pAb

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Catalog # AP55413

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q6PB30
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	8697
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CSAG1
Epitope Specificity	22-78/78
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	Expressed in chondrosarcoma, melanoma, cartilage and testis, but not in other normal tissues.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of a family of tumor antigens. The protein is expressed in chondrosarcomas, but may also be expressed in normal tissues such as testis. Alternative splicing of this gene results in two transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	158511
Other Names	Chondrosarcoma-associated gene 1 protein, Cancer/testis antigen 24.1, CT24.1, Cancer/testis antigen CSAGE, CSAG1 (HGNC:24294)
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

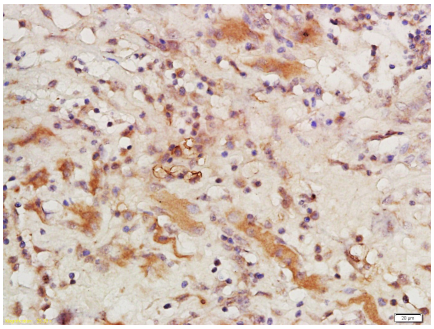
Name	CSAG1 (HGNC:24294)
Function	May play an important role in maintaining centrosome integrity during

	mitosis.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole Note=Localizes at spindle poles and/or centrosomes in both mitotic and interphase cells (PubMed:32295846). Spindle pole localization is more pronounced during mitosis (PubMed:32295846). Centrosomal localization culminates at prophase (PubMed:32295846)
Tissue Location	Expressed in chondrosarcoma, melanoma, cartilage and testis, but not in other normal tissues

Background

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Images



Tissue/cell: human laryngocarcinoma; 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-CSAG1 Polyclonal Antibody, Unconjugated(AP55413) 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'.