

CLUAP1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP6632b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q96AJ1
Reactivity	Human, Mouse
Predicted	Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB19800
Calculated MW	48125
Antigen Region	379-408

Additional Information

Gene ID	23059
Other Names	Clusterin-associated protein 1, Qilin, CLUAP1, KIAA0643
Target/Specificity	This CLUAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 379-408 amino acids from the C-terminal region of human CLUAP1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CLUAP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CLUAP1
Synonyms	KIAA0643
Function	Required for cilia biogenesis. Appears to function within the multiple

intraflagellar transport complex B (IFT-B). Key regulator of hedgehog signaling.

Cellular Location

Cell projection, cilium. Nucleus

Tissue Location

Expressed in testis, thyroid and trachea and to a lower extent in spinal cord and adrenal gland. Highly expressed in colon cancer and osteosarcoma cell lines.

Background

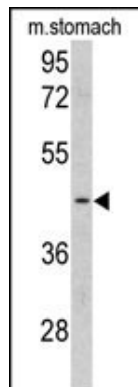
CLUAP1 may play a role in cell proliferation or apoptosis.

References

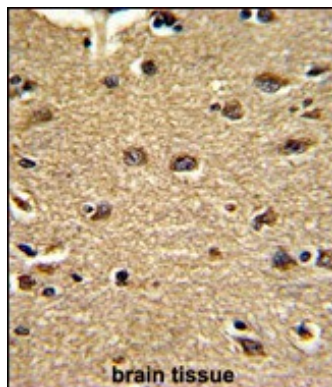
Ishikura,H., Int. J. Oncol. 30 (2), 461-467 (2007)

Takahashi,M., Oncogene 23 (57), 9289-9294 (2004)

Images

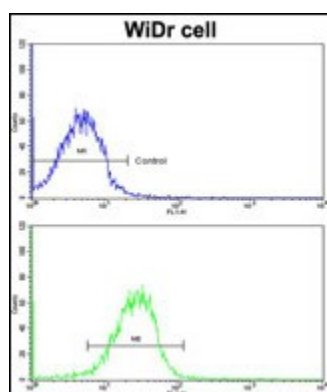


Western blot analysis of CLUAP1 antibody (C-term) (Cat. #AP6632b) in mouse stomach tissue lysates (35ug/lane). CLUAP1 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with CLUAP1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Flow cytometric analysis of MDA-231 cells using CLUAP1 antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



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