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GAS7 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6648B

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	O60861
Other Accession	O55148, Q60780
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB20062
Calculated MW	54371
Antigen Region	438-465

Additional Information

Gene ID	8522
Other Names	Growth arrest-specific protein 7, GAS-7, GAS7, KIAA0394
Target/Specificity	This GAS7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 438-465 amino acids from the C-terminal region of human GAS7.
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	GAS7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GAS7
Synonyms	KIAA0394

Function	May play a role in promoting maturation and morphological differentiation of cerebellar neurons.
Cellular Location	Cytoplasm.

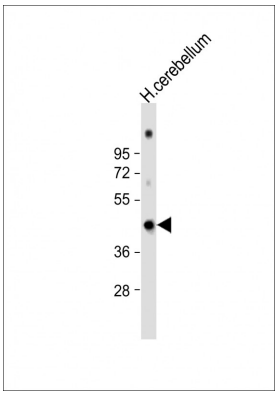
Background

Growth arrest-specific 7 is expressed primarily in terminally differentiated brain cells and predominantly in mature cerebellar Purkinje neurons. GAS7 plays a putative role in neuronal development.

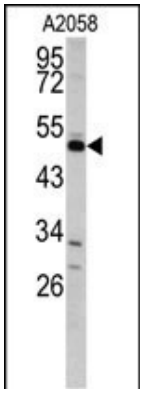
References

Chao,C.C., J. Neurosci. Res. 81 (2), 153-162 (2005)
She,B.R., Exp. Cell Res. 273 (1), 34-44 (2002)

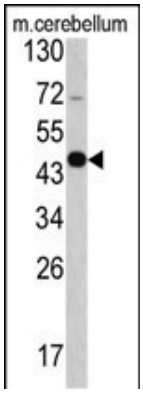
Images



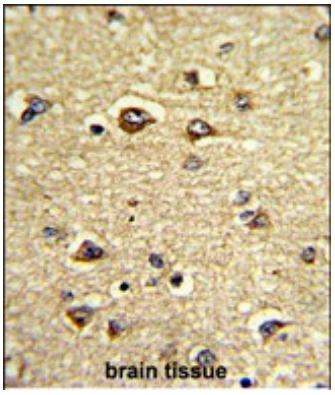
Anti-GAS7 Antibody (C-term) at 1:1000 dilution + human cerebellum lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



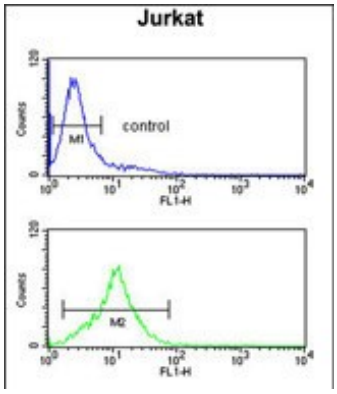
Western blot analysis of GAS7 antibody (C-term) (Cat. #AP6648b) in A2058 cell line lysates (35ug/lane). GAS7 (arrow) was detected using the purified Pab.



Western blot analysis of GAS7 antibody (C-term) (Cat. #AP6648b) in mouse cerebellum tissue lysates (35ug/lane). GAS7 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with GAS7 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.



GAS7 Antibody (C-term) (Cat. #AP6648b) flow cytometric analysis of Jurkat cells (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'.