

GAS7 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6648b**Specification**

GAS7 Antibody (C-term) - Product Information

Application	FC, WB, IHC-P,E
Primary Accession	O60861
Other Accession	O55148 , O60780
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	54371
Antigen Region	438-465

GAS7 Antibody (C-term) - 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

FC~~1:10~50

WB~~1:1000

IHC-P~~1:50~100

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.

GAS7 Antibody (C-term) - Protein Information

Name GAS7

Synonyms KIAA0394

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

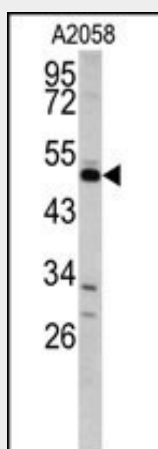
Cellular Location
Cytoplasm.

GAS7 Antibody (C-term) - Protocols

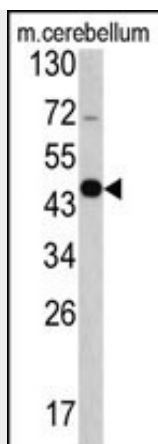
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

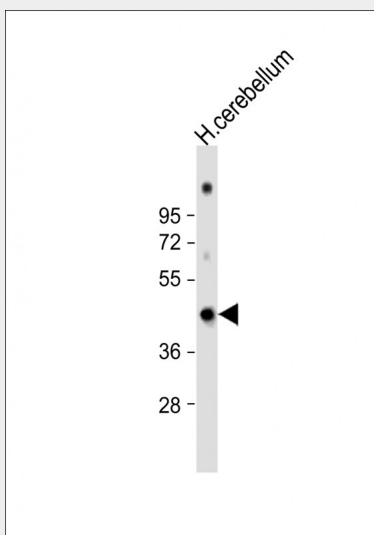
GAS7 Antibody (C-term) - Images



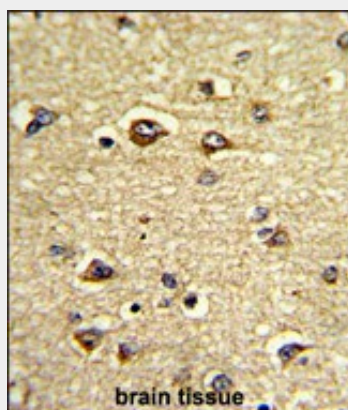
Western blot analysis of GAS7 antibody (C-term) (Cat. #AP6648b) in A2058 cell line lysates (35ug/lane). GAS7 (arrow) was detected using the purified Pab.



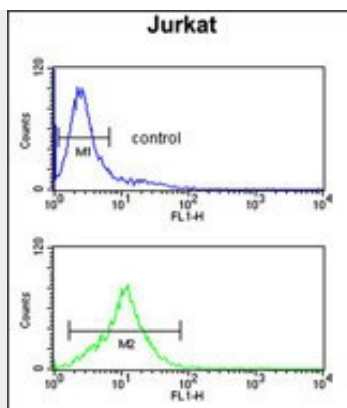
Western blot analysis of GAS7 antibody (C-term) (Cat. #AP6648b) in mouse cerebellum tissue lysates (35ug/lane). GAS7 (arrow) was detected using the purified Pab.



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.



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.

GAS7 Antibody (C-term) - 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.

GAS7 Antibody (C-term) - References

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