

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

**Specification**

**GAS7 Antibody (C-term) - Product Information**

Application	<b>WB, IHC-P, FC,E</b>
Primary Accession	<a href="#">O60861</a>
Other Accession	<a href="#">O55148</a> , <a href="#">Q60780</a>
Reactivity	<b>Human, Mouse</b>
Predicted	<b>Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit Ig</b>
Calculated MW	<b>54371</b>
Antigen Region	<b>438-465</b>

**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**

WB~~1:1000  
IHC-P~~1:50~100  
FC~~1:10~50

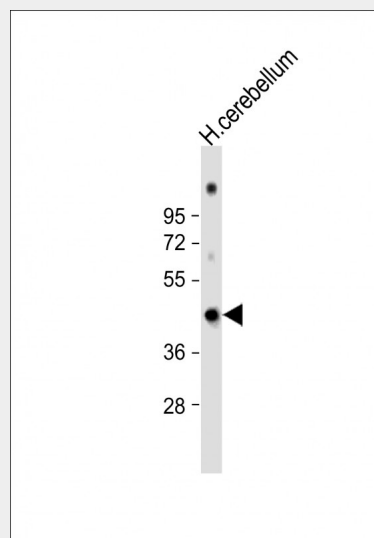
**Format**

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.

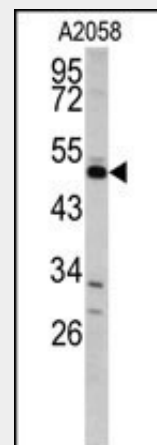
**Storage**

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**



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.

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.

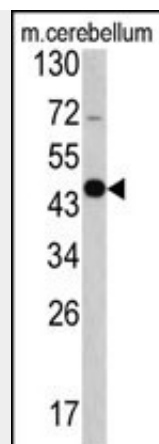
#### Cellular Location

Cytoplasm.

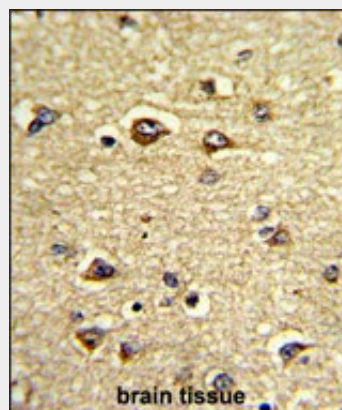
#### GAS7 Antibody (C-term) - Protocols

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

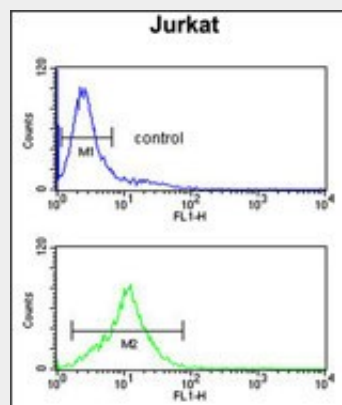
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



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.

#### **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)