

Product datasheet for **AM09076PU-S**

Growth Arrest Specific Protein 7 (GAS7) Mouse Monoclonal Antibody [Clone ID: AT4H8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT4H8
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western blot (1:500 - 1:1,000).
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human GAS7 (1-416 aa) purified from E. coli
Specificity:	The antibody recognizes human and mouse GAS7. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	growth arrest specific 7
Database Link:	Entrez Gene 14457 Mouse Entrez Gene 8522 Human O60861



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Background:

Growth arrest-specific 7, also known as GAS7, is expressed primarily in terminally differentiated brain cells and predominantly in mature cerebellar Purkinje neurons. GAS7 plays a putative role in neuronal development by promoting maturation and morphological differentiation of cerebellar neurons. Inhibition of GAS7 production in terminally differentiating cultures of embryonic murine cerebellum impedes neurite outgrowth. Conversely, the hyper-expression of GAS7 may play an important role in the initiation and development of human osteosarcoma.

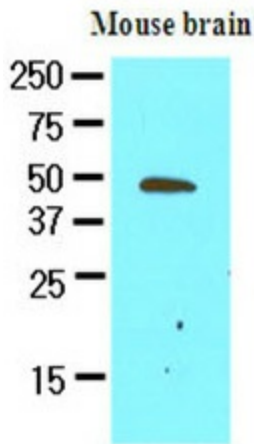
Synonyms:

GAS-7, Growth arrest-specific protein 7, KIAA0394

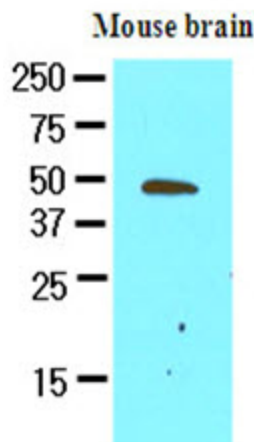
Protein Families:

Transcription Factors

Product images:



The extracts of mouse brain (50ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human GAS7 (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Western blot: The extracts of mouse brain (50 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human GAS7 (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.