

Product datasheet for **TA350104S**

JMJD6 Rabbit Polyclonal Antibody

Product data:

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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 500-2000 WB positive control: Mouse liver tissue IHC: 50-200 Positive control: Human brain Predicted cell location: Nucleus |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human JMJD6 |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 46 kDa |
| Gene Name: | arginine demethylase and lysine hydroxylase |
| Database Link: | NP_055982 Entrez Gene 107817 MouseEntrez Gene 360665 RatEntrez Gene 23210 Human Q6NYC1 |



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Background:

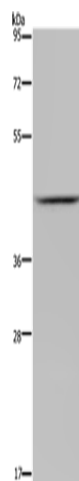
This gene encodes a nuclear protein with a JmjC domain. JmjC domain-containing proteins are predicted to function as protein hydroxylases or histone demethylases. This protein was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have indicated that it does not directly function in the clearance of apoptotic cells, and questioned whether it is a true phosphatidylserine receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

Synonyms:

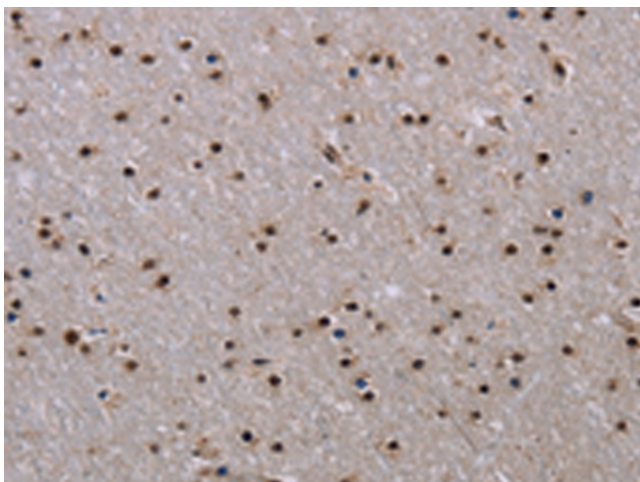
PSR; PTDSR; PTDSR1

Protein Families:

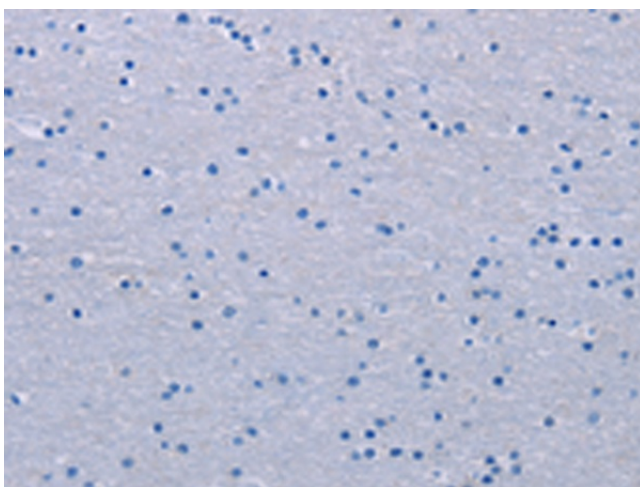
Druggable Genome, ES Cell Differentiation/IPS

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Mouse liver tissue
Primary antibody: [TA350104] (JMJD6 Antibody) at dilution 1/800
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350104] (JMJD6 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350104] (JMJD6 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: x200)