

Product datasheet for **TA349960S**

FAM89B Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 200-1000 WB positive control: Mouse liver tissue IHC: 50-200 Positive control: Human prostate cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human FAM89B |
| 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: | 20 kDa |
| Gene Name: | family with sequence similarity 89 member B |
| Database Link: | NP_690045 Entrez Gene 23625 Human Q8N5H3 |



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Background:

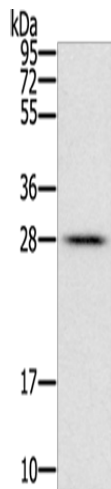
Mtvr1 (mammary tumor virus receptor homolog 1), also known as FAM89B (family with sequence similarity 89, member B), is a 176 amino acid protein that exists as two alternatively spliced isoforms. Belonging to the FAM89 family, Mtvr1 is encoded by a gene that maps to human chromosome 11, which comprises approximately 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and thalassemia are caused by HBB gene mutations, while Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11-encoded genes.

Synonyms:

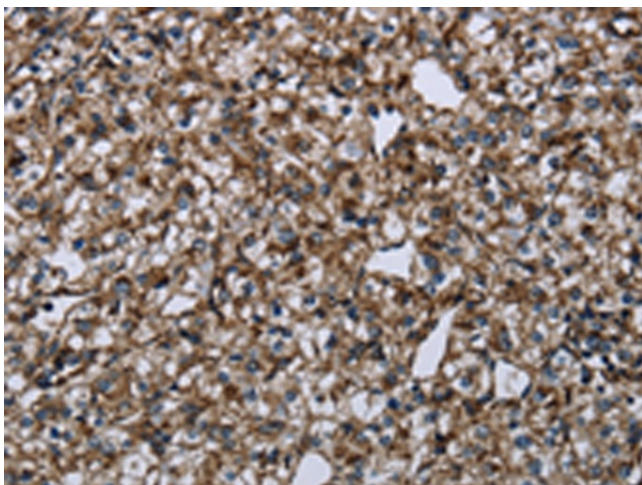
LRAP25; MTVR1

Protein Families:

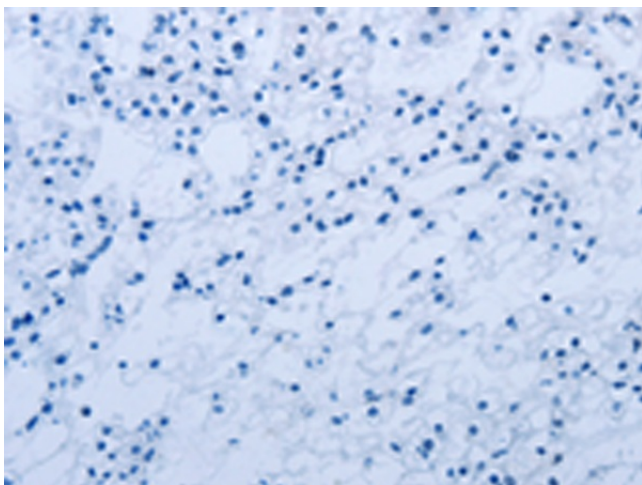
Druggable Genome

Product images:

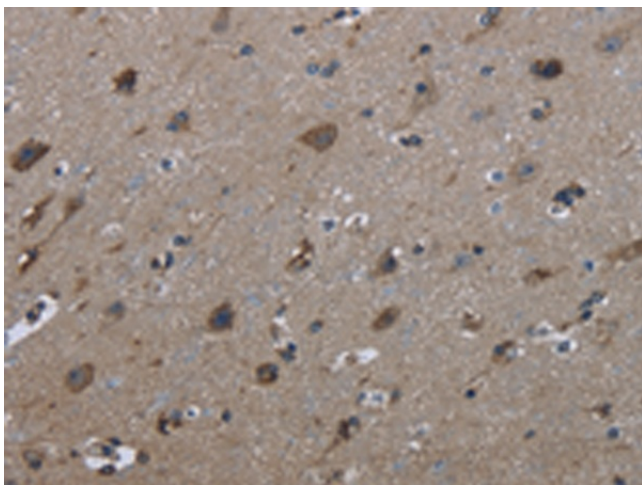
Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: Mouse liver tissue
Primary antibody: [TA349960] (FAM89B Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds



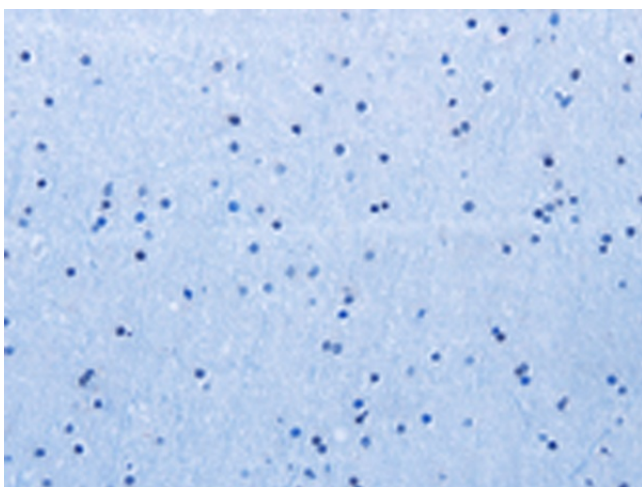
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA349960] (FAM89B Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA349960] (FAM89B Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA349960] (FAM89B Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA349960] (FAM89B Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)