

Product datasheet for **TA350387S**

SAMD3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human placenta and stomach cancer tissue IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human SAMD3
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:	61 kDa
Gene Name:	sterile alpha motif domain containing 3
Database Link:	NP_689765 Entrez Gene 154075 Human Q8N6K7



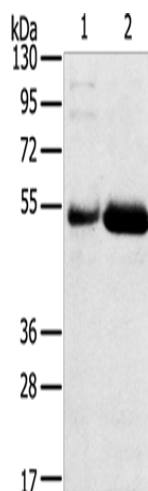
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Background:

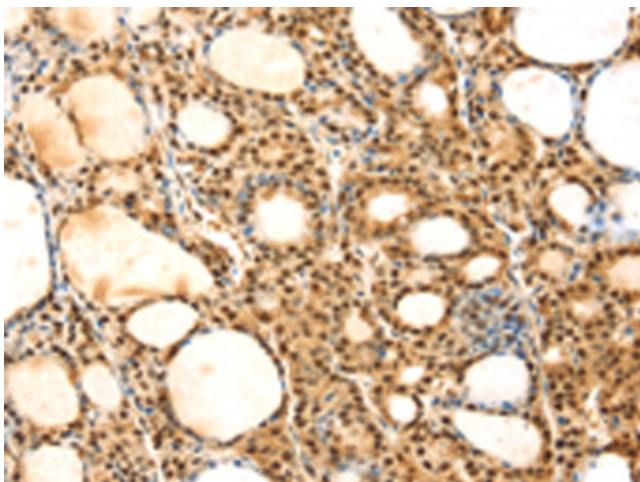
The sterile alpha motif (SAM) domain is a 70 residue structure found in a large number of proteins involved in diverse processes present throughout the eukaryotes. The SAM domain is known to bind RNA and is arranged in a small five-helix bundle with two large interfaces. There are three isoforms of SAMD3 produced by alternative splicing. The isoform 1 has been chosen as the canonical sequence. All positional information in this entry refers to it. The sequence of isoform 2 differs from the canonical sequence as follows: 219-221: FLW → AGV 222-520: Missing. And the sequence of isoform 3 differs from the canonical sequence as follows: 1-1: M → MRSSKLQSPSPSQEKQGVYLETAM.

Synonyms:

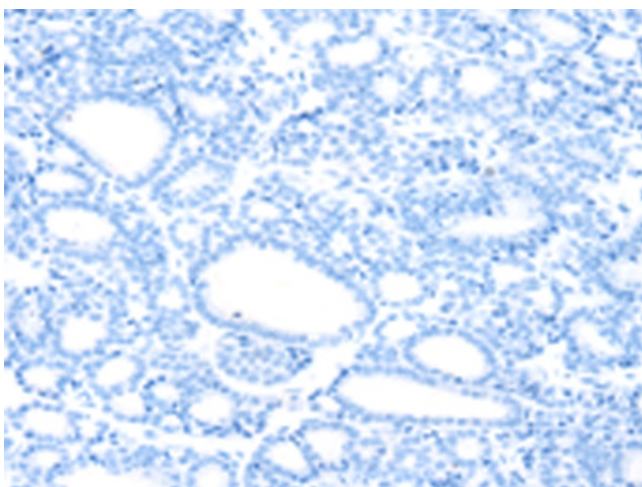
FLJ34563; MGC35163

Product images:


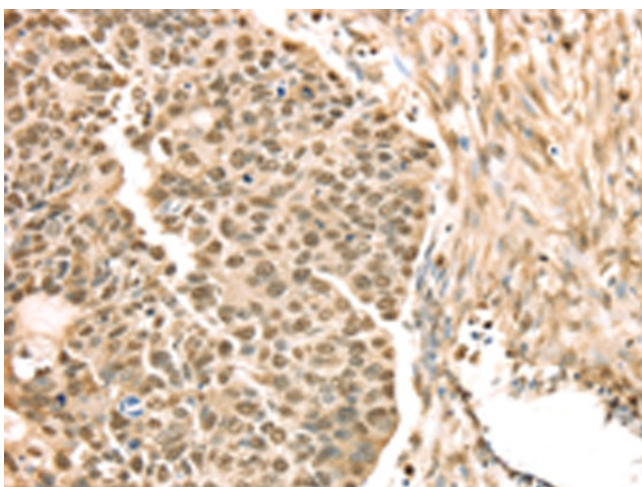
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Human placenta tissue
Human stomach cancer tissue
Primary antibody: [TA350387] (SAMD3 Antibody)
at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 4 minutes



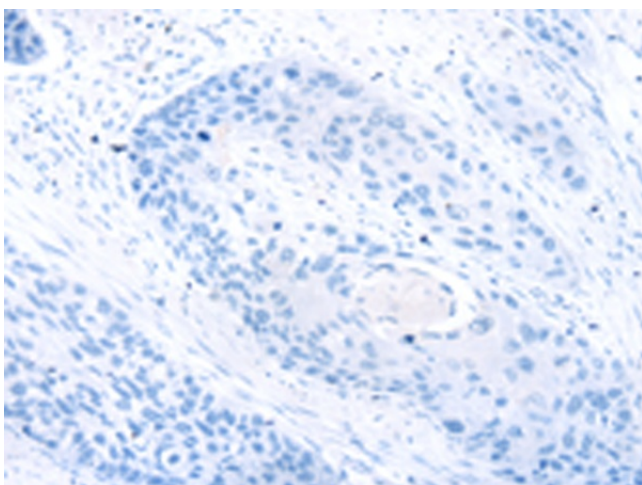
Immunohistochemistry of paraffin-embedded
Human thyroid cancer tissue using [TA350387]
(SAMD3 Antibody) at dilution 1/25 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA350387] (SAMD3 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA350387] (SAMD3 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA350387] (SAMD3 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)