OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA350387

SAMD3 Rabbit Polyclonal Antibody

Product data:

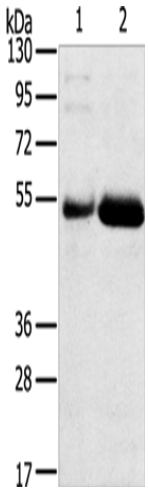
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human placenta and stomach cancer tissue IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human SAMD3
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Concentration:	lot specific
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

View online »

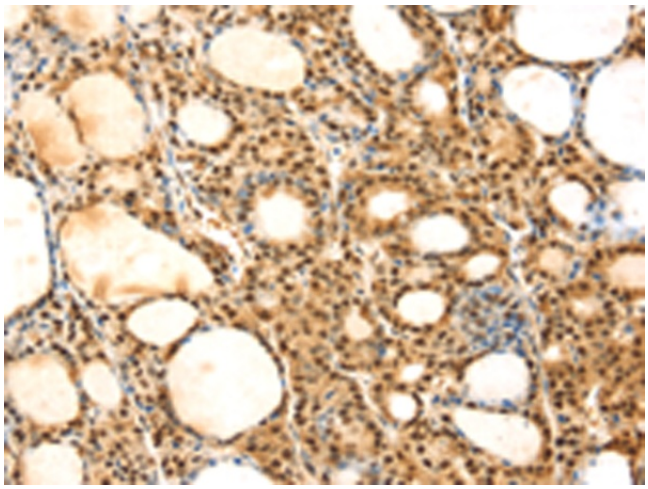
Background: The sterile alpha motif (SAM) domain is a 70 residue structure found in a large number of proteins involved in diverse processes present throughout the eukaryotes. The SAM domain is known to bind RNA and is arranged in a small five-helix bundle with two large interfaces.There are three isoforms 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 → MRSSKLQSPSPSQEKQGVYLQETAM.

Synonyms: FLJ34563; MGC35163

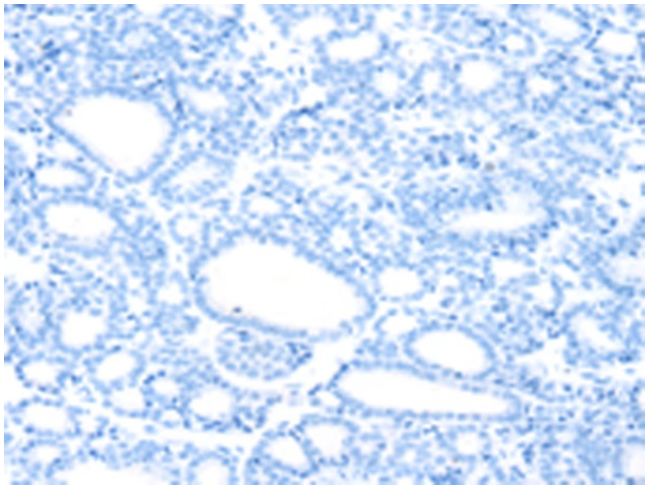
Product images:



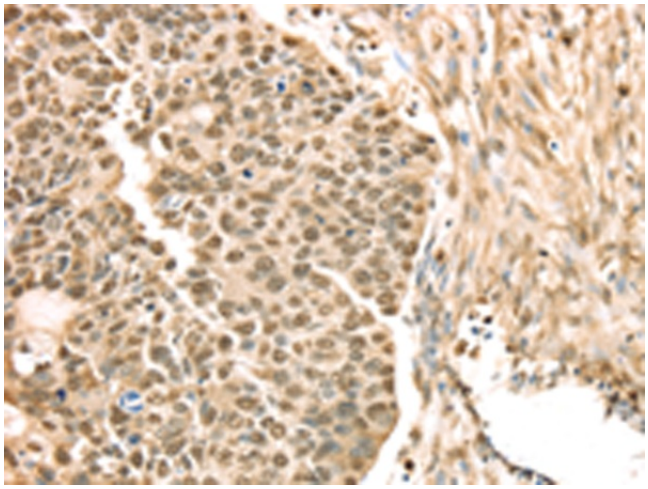
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Human placenta tissue
Human stomach cancer tissue
Primary antibody: TA350387 (SAMD3 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 4 minutes



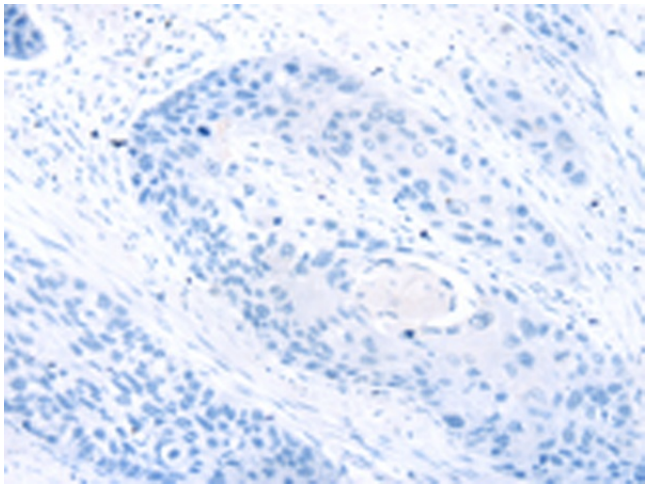
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350387 (SAMD3 Antibody) at dilution 1/25 (Original magnification: ×200)



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)