

Product datasheet for **TA366282S**

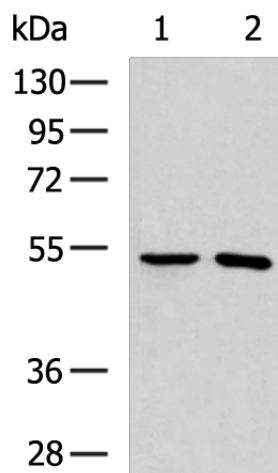
TRMT12 Rabbit Polyclonal Antibody

Product data:

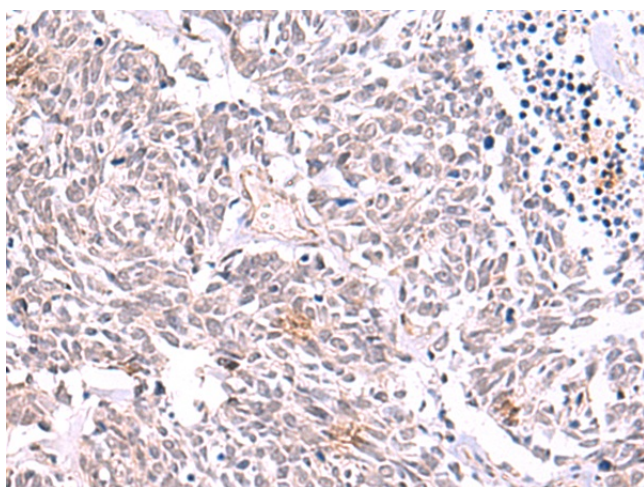
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human cerebella tissue, MCF-7 cell lysates IHC: 50-300 Positive control: Human lung cancer Predicted cell location: Nucleus
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TRMT12
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	50 kDa
Gene Name:	tRNA methyltransferase 12 homolog
Database Link:	Entrez Gene 55039 Human Q53H54
Background:	Wybutosine (yW) is a hypermodified guanosine at the 3-prime position adjacent to the anticodon of phenylalanine tRNA that stabilizes codon-anticodon interactions during decoding on the ribosome. TRMT12 is the human homolog of a yeast gene essential for yW synthesis (Noma and Suzuki, 2006).
Synonyms:	FLJ20772; TRM12; TYW2



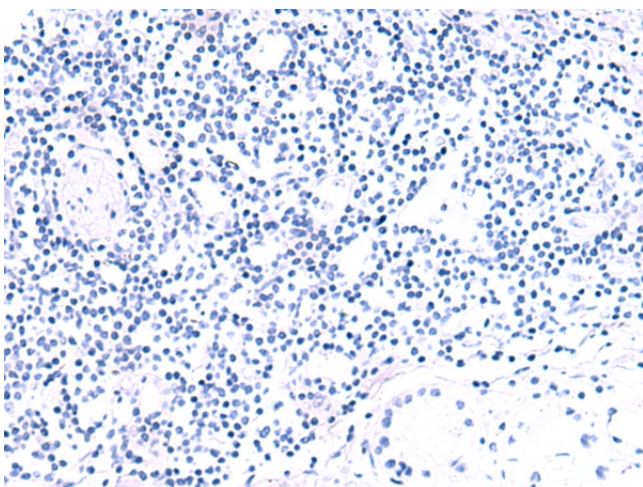
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Product images:

Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: Human cerebella tissue
MCF-7 cell lysates
Primary antibody: [TA366282] (TRMT12 Antibody)
at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at
1/5000 dilution
Exposure time: 40 seconds



Immunohistochemistry of paraffin-embedded
Human lung cancer tissue using [TA366282]
(TRMT12 Antibody) at dilution 1/85 (Original
magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA366282] (TRMT12 Antibody) at dilution 1/85, treated with fusion protein. (Original magnification: $\times 200$)