

Anti-Elongation Factor 1A2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

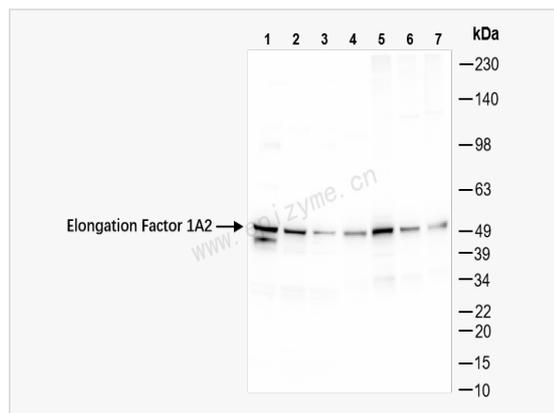
Catalog # R011282

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	51M31L89
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human EEF1A2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Elongation Factor 1A2 Rabbit mAb [51M31L89] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	eEF1A-2; Eef1a2; EEF1A1; EF 1 alpha 2; EF-1-alpha-2; EF1A; EF1A2_HUMAN; Elongation factor 1 A 2; Elongation factor 1 alpha; Elongation factor 1 alpha 2; Elongation factor 1-alpha 2; Eukaryotic elongation factor 1 A-2; Eukaryotic translation elongation factor 1 alpha 2; FLJ41696; HS1; OTTHUMP00000031776; Statin like; Statin S1; Statin-S1; STN; STNL; Elongation Factor 1A2.
Calculated MW	Calculated MW: 51 kDa; Observed MW: 51 kDa
Uniprot ID	Q05639
Gene ID	1917
Background	This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer. [provided by RefSeq, Mar 2014]
Cellular Location	Nucleus.
Tissue Location	Brain, heart, and skeletal muscle.



Western Blot - Anti-Elongation Factor 1A2 Rabbit mAb [51M31L89]

All lanes: R011282 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: Huh1 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 4: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates

Lane 5: Mouse heart whole tissue lysates

Lane 6: Mouse brain whole tissue lysates

Lane 7: Rat brain whole tissue lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 51 kDa

Observed band size: 51 kDa

Developed using the ECL technique (Cat. No. SQ201).