

Hypusine Recombinant Antibody

Anti-Hypusine antibody (Hpu24)

CATALOG # AAA120202	HOST Rabbit	REACTIVITY General	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Hypusine; Monoclonal Recombinant Antibody; Anti-Hypusine antibody (Hpu24); Eukaryotic translation initiation factor 5A-1; eIF-5A-1; eIF-5A1; Eukaryotic initiation factor 5A isoform 1; eIF-5A; Rev-binding factor; eIF-4D; EIF5A; Hypusine recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	General
Clonality	Monoclonal
Isotype	IgG
Clone Number	Hpu24
Purity/Purification	>95% by SDS-PAGE. Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH 7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for Hypusine recombinant antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
PubChem	65396
Expression System	Mammalian Cells
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at -20 degree C for short term. Store at -80 degree C long term.

IMAGES



WB (Western Blot)

Various lysates were subjected to SDS PAGE followed by western blot with Hypusine antibody at 1ug/ml. Lane 1: HeLa cell lysate Lane 2: HepG2 cell lysate Lane 3: K562 cell lysate Lane 4: PC-12 cell lysate Lane 5: Jurkat cell lysate Lane 6: MCF-7 cell lysate Lane 7: 293T cell lysate Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (Please Inquire) at 0.1ug/ml. Predict MW: 17 kDa Observe MW: 17 kDa

ADDITIONAL INFORMATION

References	Characterization of a novel polyclonal anti-hypusine antibody. PMID: 24024105 Synthesis of reagents for the construction of hypusine and deoxyhypusine peptides and their application as peptidic antigens. PMID: 9748364 Translation initiation factor eIF-5A, the hypusine-containing protein, is phosphorylated on serine and tyrosine and O-glycosylated in Trichomonas vaginalis. PMID: 22212642 Polyamines and their derivatives as modulators in growth and differentiation. PMID: 2697982 Differential expression of genes encoding the hypusine-containing translation initiation factor, eIF-5A, in tobacco. PMID: 1542563
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hypusine-recombinant-antibody-clone-hpu24-immunohistochemistry-western-blot-elisa/120202>