

Rabbit integrin beta 4 binding protein Polyclonal Antibody | anti-EIF6 antibody

Anti-integrin beta 4 binding protein antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45401	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunohistochemistry, Western Blot

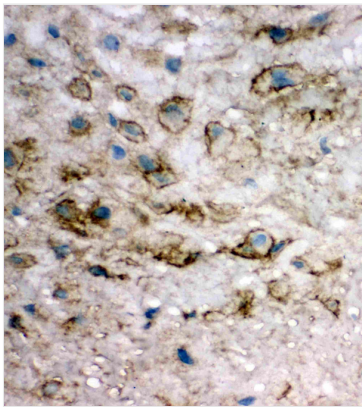
PRODUCT SYNONYMS

integrin beta 4 binding protein; Polyclonal Antibody; Anti-integrin beta 4 binding protein antibody; Eukaryotic translation initiation factor 6; eukaryotic translation initiation factor 6; b(2)gcn antibody; B(2)GCN homolog antibody; B4 integrin interactor antibody; Binding protein of beta-4 integrin antibody; CAB antibody; eIF-6 antibody; EIF3A antibody; EIF6 antibody; Eukaryotic translation initiation factor 3A antibody; Eukaryotic translation initiation factor 6 antibody; IF6_HUMAN antibody; ITGB4BP antibody; OK/SW-cl.27 antibody; p27 beta 4 integrin binding protein antibody; p27(BBP) antibody; p27BBP antibody; RP4-614O4.1 antibody; anti-EIF6 antibody

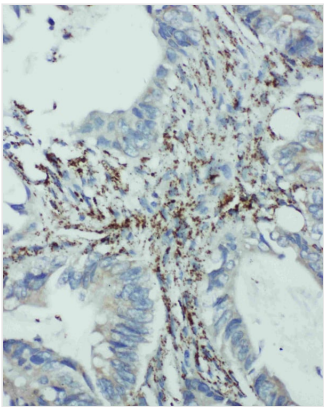
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	245
Applicable Applications for anti-EIF6 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human integrin beta 4 binding protein (82-96aa QHIRNSLPDTVQIRR), different from the related rat and mouse sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

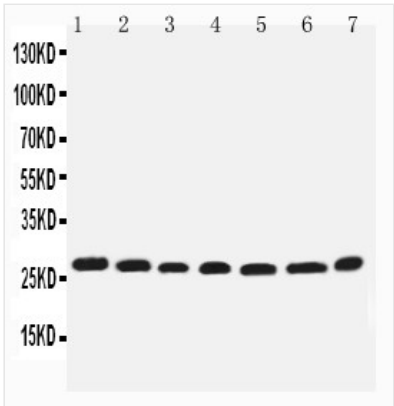
IMAGES



IHC (Immunohistochemistry)
Anti-EIF6 antibody, AAA45401, IHC(F)IHC(F): Human Placenta Tissue



IHC (Immunohistochemistry)
Anti-EIF6 antibody, AAA45401, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)
Anti-EIF6 antibody, AAA45401, Western blottingLane 1: Rat Liver Tissue LysateLane 2: Rat Kidney Tissue LysateLane 3: COLO320 Cell LysateLane 4: SW620 Cell LysateLane 5: HELA Cell LysateLane 6: 293T Cell LysateLane 7: HEPA Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-EIF6 antibody

Description: Rabbit IgG polyclonal antibody for Eukaryotic translation initiation factor 6(EIF6) detection. Tested with WB, IHC-P, IHC-F in Human, Mouse, Rat.

Background: EIF6(Eukaryotic Translation Initiation Factor 6), also called EIF3A or ITGB4BP, is a human gene. By fluorescence in situ hybridization, Sanvito et al.(1998) mapped the ITGB4BP gene to 20q11.2. Ceci et al.(2003) demonstrated that the ribosomal 60S subunit is activated by release of EIF6. In the cytoplasm, EIF6 is bound to free 60S but not to 80S subunits. Furthermore, EIF6 interacts in the cytoplasm with RACK1, a receptor for activated protein kinase C. Gandin et al.(2008) demonstrated that mammalian eIF6 is required for efficient initiation of translation in vivo. Eif6-null mouse embryos were lethal at preimplantation. Heterozygous mice had 50% reduction of eIF6 levels in all tissues, and showed reduced mass of hepatic and adipose tissues due to a lower number of cells and to impaired G1/S cell cycle progression.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3122258
NCBI GeneID	3692
UniProt Accession #	P56537; Q6IBN8; Q96TD5; B7ZBG9
Molecular Weight	23,735 Da
NCBI Official Full Name	Eukaryotic translation initiation factor 6 {ECO:0000255 HAMAP-Rule:MF_03132}
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 6

NCBI Official Symbol	EIF6
NCBI Official Synonym Symbols	CAB; EIF3A; eIF-6; p27BBP; ITGB4BP; b(2)gcn; p27(BBP)
NCBI Protein Information	eukaryotic translation initiation factor 6 {ECO:0000255 HAMAP-Rule:MF_03132}; B4 integrin interactor; p27 beta-4 integrin-binding protein; eukaryotic translation initiation factor 3A
UniProt Protein Name	Eukaryotic translation initiation factor 6
UniProt Gene Name	EIF6
UniProt Synonym Gene Names	eIF-6
UniProt Entry Name	IF6_HUMAN

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/polyclonal/integrin-beta-4-binding-protein-antibody-immunohistochemistry-immunohistochemistry-western-blot-elisa/45401>