

## Rabbit EIF6 Polyclonal Antibody | anti-EIF6 antibody

EIF6 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                                      | APPLICATIONS |
|-----------|--------|---------------------------------------------------------------------------------|--------------|
| AAA201086 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish | Western Blot |

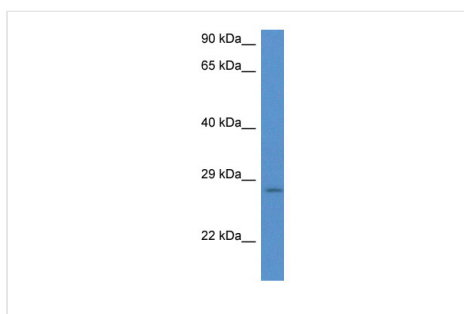
### PRODUCT SYNONYMS

EIF6; Polyclonal Antibody; EIF6 antibody - N-terminal region; anti-EIF6 antibody

### PRODUCT SPECIFICATIONS

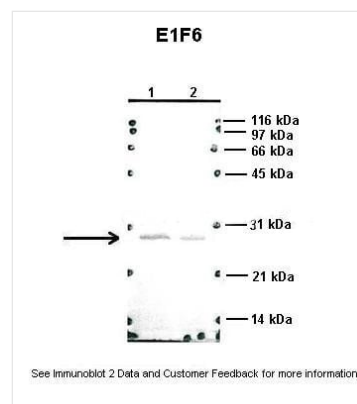
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish                                                                       |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: AV RASFENNCEI GCFAKLTNTY CLVAIGGSEN FYSVFEGELS DTIPVVHA                                                  |
| Sequence Length                                | 245                                                                                                                                                   |
| Applicable Applications for anti-EIF6 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 86%; Yeast: 85%; Zebrafish: 93%            |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



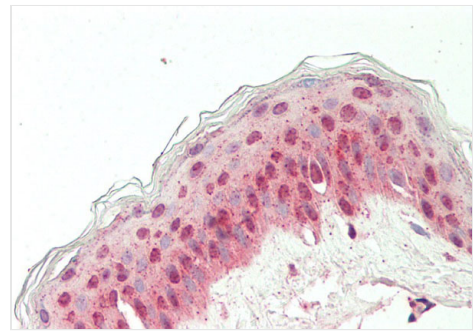
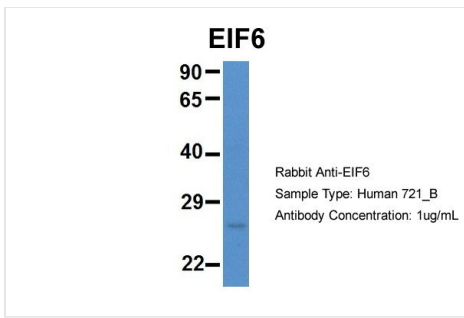
#### WB (Western Blot)

WB Suggested Anti-EIF6 Antibody Titration: 1.0 ug/ml Positive Control: HeLa Whole Cell EIF6 is supported by BioGPS gene expression data to be expressed in HeLa



#### WB (Western Blot)

Researcher: Rosa Carotenuto, Department of Structural and Functional Biology, University of Naples 'Federico II' Application: Western blotting Species + Tissue/Cell type: Xenopus laevis embryos How many ug's of tissue/cell lysate run on the gel: 1. 50 ug xenopus laevis embryos lysate (lysate buffer) 2. 50 ug xenopus laevis embryos lysate (HB buffer) Primary antibody dilution: 1:500 Secondary antibody: Goat Anti-Rabbit AP Secondary antibody dilution: 1:20,000

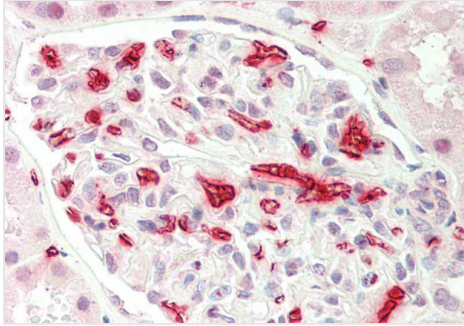


#### WB (Western Blot)

Host: Rabbit Target Name: EIF6 Sample Type: Human 721\_B Antibody Dilution: 1.0ug/ml EIF6 is supported by BioGPS gene expression data to be expressed in 721\_B

#### IHC (Immunohistochemistry)

Rabbit Anti-EIF6 antibody Formalin Fixed Paraffin Embedded Tissue: Human Skin Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec



#### IHC (Immunohistochemistry)

Rabbit Anti-EIF6 antibody Formalin Fixed Paraffin Embedded Tissue: Human Kidney Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-EIF6 antibody</b> | <p>This is a rabbit polyclonal antibody against EIF6. It was validated on Western Blot</p> <p>Target Description: Hemidesmosomes are structures which link the basal lamina to the intermediate filament cytoskeleton. An important functional component of hemidesmosomes is the integrin beta-4 subunit (ITGB4), a protein containing two fibronectin type III domains. The protein encoded by this gene binds to the fibronectin type III domains of ITGB4 and may help link ITGB4 to the intermediate filament cytoskeleton. The encoded protein, which is insoluble and found both in the nucleus and in the cytoplasm, can function as a translation initiation factor and prevent the association of the 40S and 60S ribosomal subunits.</p> |
| <b>Product Categories/Family for anti-EIF6 antibody</b>   | Polyclonal; Various                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 4504771                                              |
| NCBI GeneID                      | 3692                                                 |
| NCBI Accession #                 | NP_002203                                            |
| NCBI GenBank Nucleotide #        | NM_002212                                            |
| UniProt Accession #              | P56537                                               |
| Molecular Weight                 | 27kDa                                                |
| NCBI Official Full Name          | eukaryotic translation initiation factor 6 isoform a |
| 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            |
| UniProt Protein Name          | Eukaryotic translation initiation factor 6            |
| UniProt Gene Name             | EIF6                                                  |
| 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/eif6-antibody-western-blot-elisa/201086>