

**EEF1E1 / AIMP3 Antibody (aa17-29)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS16146****Specification**

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**EEF1E1 / AIMP3 Antibody (aa17-29) - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">O43324</a>
Reactivity	Human, Rabbit, Monkey, Pig, Horse, Bovine, Guinea Pig
Host	Goat
Clonality	Polyclonal
Calculated MW	20kDa KDa

**EEF1E1 / AIMP3 Antibody (aa17-29) - Additional Information****Gene ID** 9521**Other Names**

Eukaryotic translation elongation factor 1 epsilon-1, Aminoacyl tRNA synthetase complex-interacting multifunctional protein 3, Elongation factor p18, Multisynthase complex auxiliary component p18, EEF1E1, AIMP3, P18

**Target/Specificity**

Human EEF1E1 / AIMP3 / p18. This antibody is expected to recognize both reported isoforms (NP\_004271.1; NP\_001129122.1).

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

EEF1E1 / AIMP3 Antibody (aa17-29) is for research use only and not for use in diagnostic or therapeutic procedures.

**EEF1E1 / AIMP3 Antibody (aa17-29) - Protein Information****Name** EEF1E1**Synonyms** AIMP3, P18 {ECO:0000303|PubMed:15680327}**Function**

Positive modulator of ATM response to DNA damage.

**Cellular Location**

Cytoplasm. Cytoplasm, cytosol. Nucleus. Note=Cytoplasmic under growth arrest conditions. Translocated into the nucleus when growth resumes (S phase) and following DNA damage

**Tissue Location**

Down-regulated in various cancer tissues.

### EEF1E1 / AIMP3 Antibody (aa17-29) - Protocols

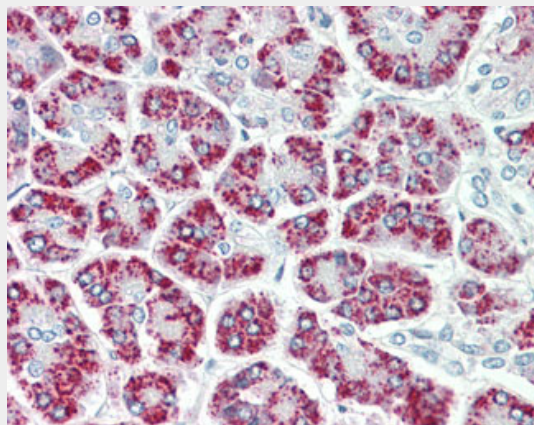
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### EEF1E1 / AIMP3 Antibody (aa17-29) - Images



EEF1E1 antibody (0.1 ug/ml) staining of K562 lysate (35 ug protein in RIPA buffer).



Anti-EEF1E1 / AIMP3 / p18 antibody IHC staining of human pancreas.

### EEF1E1 / AIMP3 Antibody (aa17-29) - Background

Positive modulator of ATM response to DNA damage.

### EEF1E1 / AIMP3 Antibody (aa17-29) - References

Motegi H., et al. Submitted (FEB-1998) to the EMBL/GenBank/DDBJ databases.  
Mao M., et al. Proc. Natl. Acad. Sci. U.S.A. 95:8175-8180(1998).  
Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Mungall A.J., et al. Nature 425:805-811(2003).  
Bienvenut W.V., et al. Submitted (DEC-2008) to UniProtKB.