

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

Specification

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

Application	WB, IHC
Primary Accession	O43324
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

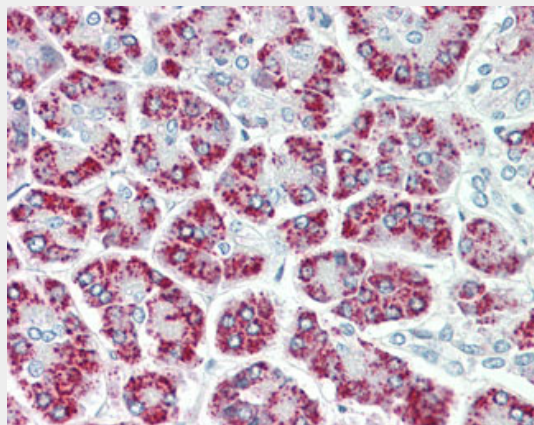
Provided below are standard protocols that you may find useful for product applications.

- [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.