

Product datasheet for **TA339084**

EED Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB, IF
Reactivity:	Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-EED antibody: synthetic peptide directed towards the N terminal of human EED. Synthetic peptide located within the following region: GDENDDAVSIESGTNTERPDTPTNPNAPGRKSWGKWKSKKCKYSFKC
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	embryonic ectoderm development
Database Link:	NP_003788 Entrez Gene 293104 Rat O75530



[View online »](#)

Background:

This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein interacts with enhancer of zeste 2, the cytoplasmic tail of integrin beta7, immunodeficiency virus type 1 (HIV-1) MA protein, and histone deacetylase proteins. This protein mediates repression of gene activity through histone deacetylation, and may act as a specific regulator of integrin function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Synonyms:

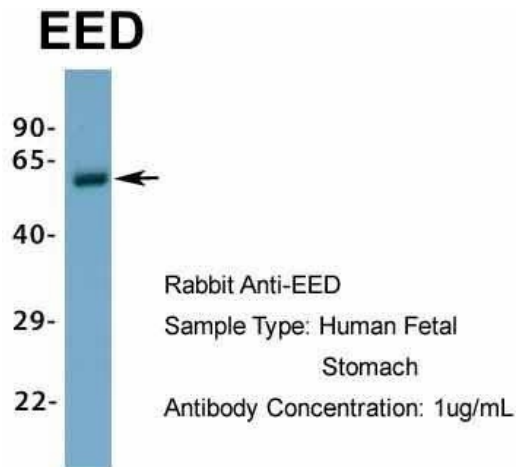
HEED; WAIT1

Note:

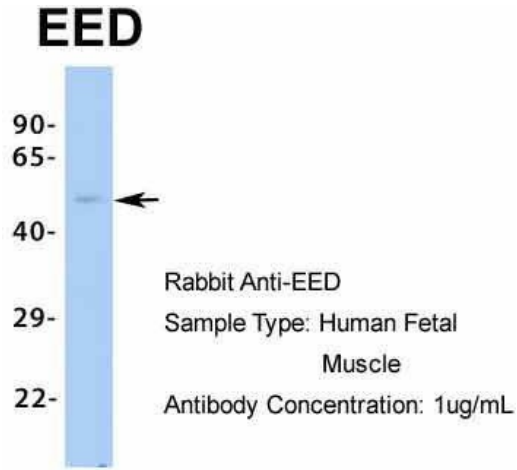
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 93%; Zebrafish: 85%

Protein Families:

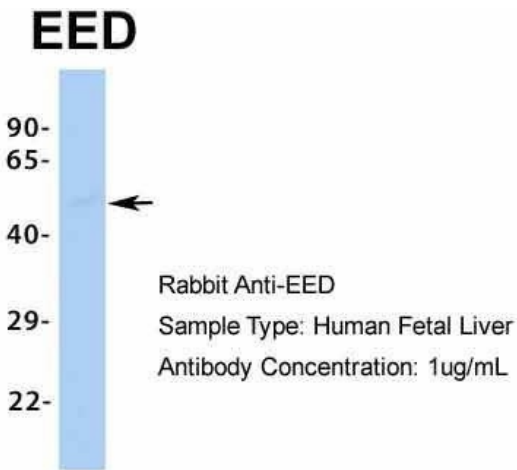
Druggable Genome, Transcription Factors

Product images:


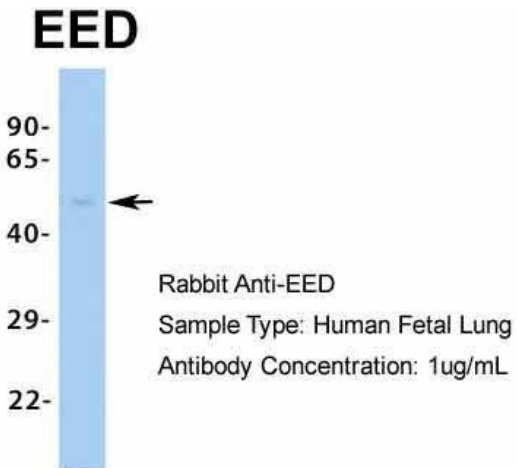
Host: Rabbit; Target Name: EED; Sample Tissue: Human Fetal Stomach; Antibody Dilution: 1.0 ug/ml



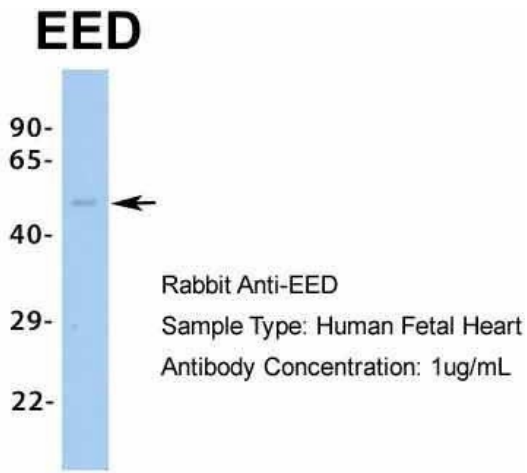
Host: Rabbit; Target Name: EED; Sample Tissue: Human Fetal Muscle; Antibody Dilution: 1.0 ug/ml



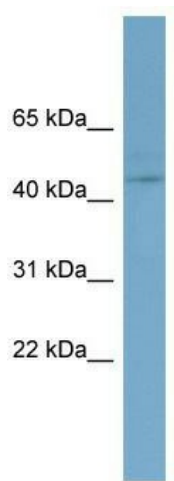
Host: Rabbit; Target Name: EED; Sample Tissue: Human Fetal Liver; Antibody Dilution: 1.0 ug/ml



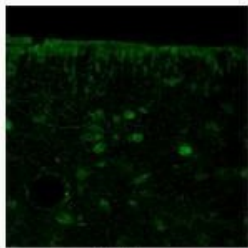
Host: Rabbit; Target Name: EED; Sample Tissue: Human Fetal Lung; Antibody Dilution: 1.0 ug/ml



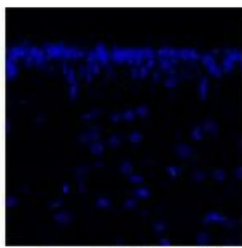
Host: Rabbit; Target Name: EED; Sample Tissue: Human Fetal Heart; Antibody Dilution: 1.0 ug/ml



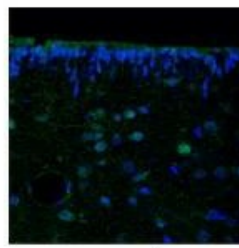
WB Suggested Anti-EED Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:2500; Positive Control: OVCAR-3 cell lysate EED is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells



EED



cell nuclei (Hoescht)



merged

Sample Type : Rat Brain lysate; Dilution. 1:500

Immunofluorescence
Sample: rat brain
Dilution: 1:500

Submitted by
Sergio Ojeda
Senior Scientist
Oregon National Primate Research Center