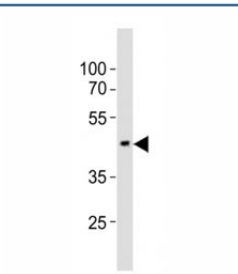
EED Antibody (F53258)

Catalog No.	Formulation	Size
F53258-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53258-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O75530
Applications	Western blot: 1:1000
Limitations	This EED antibody is available for research use only.



Western blot testing of EED antibody at 1:1000 dilution + mouse brain lysate; Predicted molecular weight: 50 kDa (isoform 1), 53 kDa (isoform 2), 46 kDa (isoform 3).

Description

Polycomb protein EED is 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 ÃŽÂ²7, 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. [Wiki]

For an alternative reagent with knockout validation and broader experimental characterization, explore our EED Antibody targeting a core regulatory component of Polycomb Repressive Complex 2.

Application Notes

Titration of the EED antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This EED antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 38-72 amino acids from the N-terminal region of human EED.

Storage

Aliquot the EED antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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