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Eed antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11405

Specification

Eed antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q9WVH3
Other Accession	NM_018789, NP_061259
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**48kDa KDa**

Eed antibody - C-terminal region - Additional Information

Gene ID 54601

Alias Symbol	**afx, Afxh, Mllt7**

Other Names
Forkhead box protein O4, Afxh, Fork head domain transcription factor AFX1, Foxo4, Afx, Afx1, Fkhr3, Mllt7

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Eed antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Eed antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Eed antibody - C-terminal region - Protein Information

Name Foxo4

Synonyms Afx, Afx1, Fkhr3, Mllt7

Function
Transcription factor involved in the regulation of the insulin signaling pathway. Binds to insulin-response elements (IREs) and can activate transcription of IGFBP1. Down-regulates expression of HIF1A and suppresses hypoxia-induced transcriptional activation of HIF1A-modulated genes. Also involved in negative regulation of the cell cycle. Involved in increased proteasome

activity in embryonic stem cells (ESCs) by activating expression of PSMD11 in ESCs, leading to enhanced assembly of the 26S proteasome, followed by higher proteasome activity (By similarity). Represses smooth muscle cell differentiation by inhibiting the transcriptional coactivator activity of myocardin.

Cellular Location
Cytoplasm. Nucleus. Note=When phosphorylated, translocated from nucleus to cytoplasm. Dephosphorylation triggers nuclear translocation. Monoubiquitination increases nuclear localization. When deubiquitinated, translocated from nucleus to cytoplasm (By similarity). {ECO:0000250|UniProtKB:P98177}

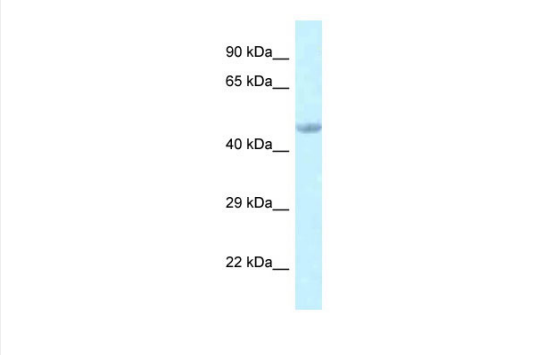
Tissue Location
Strongly expressed in brown adipose tissue and weakly in white adipose tissue (at protein level). Expressed in skeletal muscle.

Eed antibody - C-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Eed antibody - C-terminal region - Images



WB Suggested Anti-Eed Antibody Titration: 1.0 µg/ml
Positive Control: Rat Muscle