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Eed antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11405

Product Information

Application	WB
Primary Accession	Q9WVH3
Other Accession	NM_018789, NP_061259
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53649

Additional Information

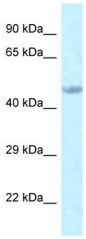
Gene ID	54601
Alias Symbol	afx, Afxh, Mllt7
Other Names	Forkhead box protein O4, Afxh, Fork head domain transcription factor AFX1, Foxo4, Afx, Afx1, Fkhr3, Mllt7
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul 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.

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.