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FBXO44 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI15610

Product Information

Application	WB
Primary Accession	Q9H4M3
Other Accession	NM_033182, NP_149438
Reactivity	Human, Mouse, Rat, Pig, Guinea Pig, Bovine
Predicted	Human, Mouse, Rat, Pig, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29747

Additional Information

Gene ID	93611
Alias Symbol	FBG3, FBX30, FBX6A, Fbx44, Fbxo6a
Other Names	F-box only protein 44, F-box protein FBX30, F-box/G-domain protein 3, FBXO44, FBG3, FBX30, FBX44, FBX6A, FBXO6A
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-FBXO44 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	FBXO44 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

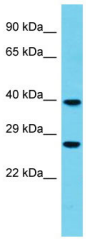
Name	FBXO44
Synonyms	FBG3, FBX30, FBX44, FBX6A, FBXO6A
Function	Substrate-recognition component of two distinct E3 ligase complexes, the SKP1-CUL1-FBXO44 complex and the CUL4B-DDB1-FBXO44 complex (PubMed:18203720, PubMed:25970626). The complex SCF(FBXO44) complex ubiquitinates and mediates BRCA1 degradation (PubMed:23086937). In association with cullin 4B/CUL4B and DDB1, mediates the ubiquitination of RGS2 leading to its degradation (PubMed:25970626). Additionally, regulates the pregnane X receptor/NR1I2 protein level by ubiquitination and degradation (PubMed:37969738).

Cellular Location	Nucleus.
Tissue Location	Abundantly expressed in brain and kidney. Expressed at lower levels in heart, spleen and liver

References

Paulson H.L.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases.
Ilyin G.P.,et al.Gene 296:11-20(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Gregory S.G.,et al.Nature 441:315-321(2006).

Images



Host: Rabbit
Target Name: FBXO44
Sample Tissue: Fetal Heart lysates
Antibody Dilution: 1.0µg/ml

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