

KBTBD2 Rabbit pAb

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Catalog # AP56554

Product Information

Application	WB
Primary Accession	Q8IY47
Reactivity	Human, Mouse
Predicted	Rat, Pig, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71331
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KBTBD2
Epitope Specificity	301-400/623
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	25948
Other Names	Kelch repeat and BTB domain-containing protein 2, BTB and kelch domain-containing protein 1, KBTBD2 (HGNC:21751), BKLHD1, KIAA1489
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

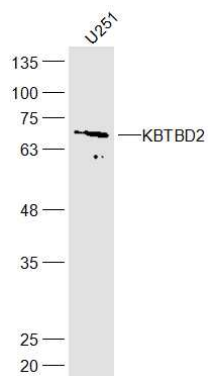
Protein Information

Name	KBTBD2 (HGNC:21751)
Synonyms	BKLHD1, KIAA1489
Function	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex that acts as a regulator of the insulin signaling pathway, modulating insulin sensitivity by limiting PIK3R1/p85alpha abundance in adipocytes. Targets PIK3R1, the regulatory subunit of phosphatidylinositol 3-kinase (PI3K), for 'Lys-48'-linked polyubiquitination and proteasome-mediated degradation.

Background

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Images



Sample:
U251(Human) Cell Lysate at 30 ug
Primary: Anti-KBTBD2 (AP56554) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 71 kD
Observed band size: 71 kD

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