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Anti-RhoBTB1 Antibody

Catalog # AP54066

Product Information

Application	WB, IHC, IF/IC
Primary Accession	O94844
Other Accession	Q9BYZ6
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79417

Additional Information

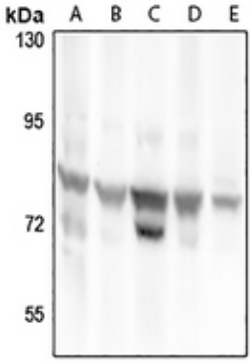
Gene ID	9886
Other Names	RHOBTB1; KIAA0740; Rho-related BTB domain-containing protein 1; RHOBTB2; DBC2; KIAA0717; Rho-related BTB domain-containing protein 2; Deleted in breast cancer 2 gene protein; p83
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human RhoBTB1. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

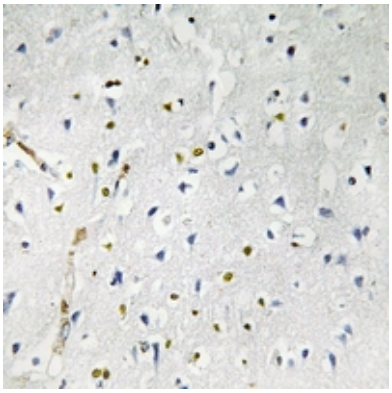
Name	RHOBTB1
Synonyms	KIAA0740
Tissue Location	Ubiquitous, with highest levels in skeletal muscle, placenta, testis, stomach, and kidney, followed by uterus and adrenal gland. Expressed in a variety of fetal tissues

Images

Western blot analysis of RhoBTB1 expression in CT26 (A), C6 (B), HEK293T (C), SGC7901 (D), U87MG (E) whole cell



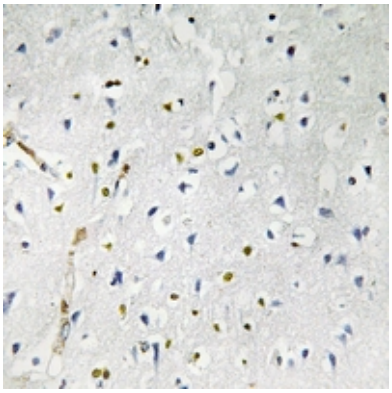
lysates. (Predicted band size: 79; 82 kD; Observed band size: 79 kD)



Immunohistochemical analysis of RhoBTB1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of RhoBTB1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of RhoBTB1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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