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KLHDC7B Rabbit pAb

KLHDC7B Rabbit pAb
Catalog # AP56392

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q96G42
Reactivity	Human, Rat
Predicted	Mouse, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63314
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KLHDC7B
Epitope Specificity	431-530/594
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 5 Kelch repeats.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The BTB (Broad-Complex, Tramtrack and Bric a brac) domain, also known as the POZ (Poxvirus and Zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. The Kelch domain-containing protein 7B (KLHDC7B) contains 5 Kelch repeats suggesting a role in transcription regulation. The gene encoding KLHDC6 maps to chromosome 22, which contains over 500 genes. As the second smallest human chromosome, 22 contains a surprising variety of interesting genes, including Phelan-McDermid syndrome, neurofibromatosis type 2 and autism.

Additional Information

Gene ID	113730
Other Names	Kelch domain-containing protein 7B, KLHDC7B
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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 KLHDC7B

Background

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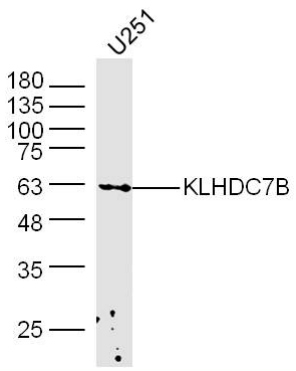
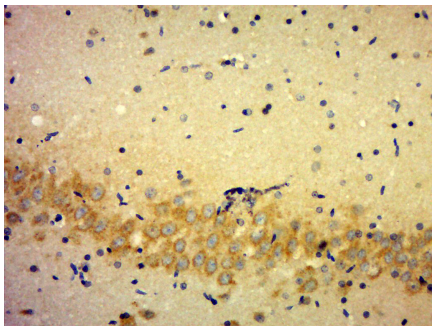
Images



Sample: U251 (human)cell Lysate at 40 ug
Primary: Anti-KLHDC7B(AP56392) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 63 kD
Observed band size: 63 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (KLHDC7B) Polyclonal Antibody, Unconjugated (AP56392) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.