

KBTBD4 Rabbit pAb
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Catalog # AP94015**Specification**

KBTBD4 Rabbit pAb - Product Information

Application	WB
Primary Accession	Q9NVX7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59904

KBTBD4 Rabbit pAb - Additional Information**Gene ID** 55709**Other Names**

Kelch repeat and BTB domain-containing protein 4, BTB and kelch domain-containing protein 4, KBTBD4, BKLHD4

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

KBTBD4 Rabbit pAb - Protein Information**Name** KBTBD4**Synonyms** BKLHD4**Function**

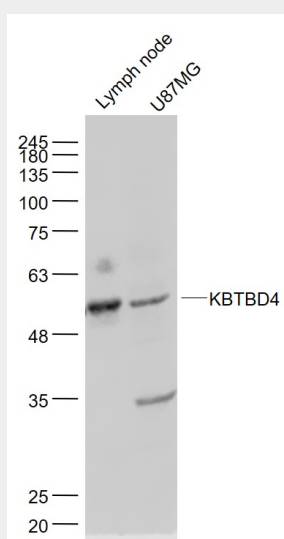
Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex which targets CoREST corepressor complex components RCOR1, KDM1A/LSD1 and HDAC2 for proteasomal degradation (PubMed:33417871). RCOR1 is likely to be the primary target while degradation of KDM1A and HDAC2 is likely due to their association with RCOR1 (PubMed:33417871). Also targets RCOR3, MIER2 and MIER3 for proteasomal degradation as well as associated proteins ZNF217 and RREB1 (PubMed:36997086). Degradation is dependent on the presence of an ELM2 domain in the target proteins (PubMed:36997086).

KBTBD4 Rabbit pAb - Protocols

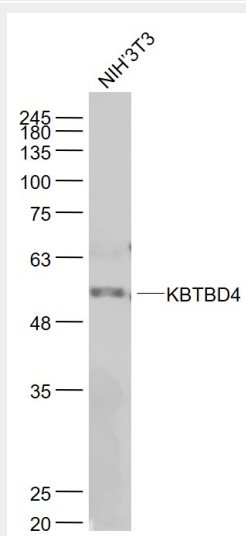
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KBTBD4 Rabbit pAb - Images

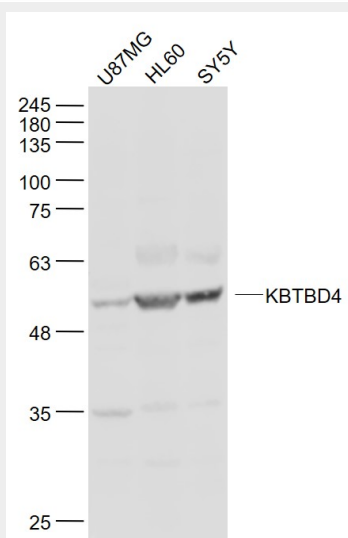


Sample: Lymph node (Mouse) Lysate at 40 ug U87MG(Human) Cell Lysate at 30 ug Primary: Anti-KBTBD4 (AP94015) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD Observed band size: 58 kD



Sample: NIH/3T3(Mouse) Cell Lysate at 30 ug Primary: Anti- KBTBD4 (AP94015) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD

Observed band size: 58 kD



Sample: U87MG(Human) Cell Lysate at 30 ug HL60(Human) Cell Lysate at 30 ug SY5Y(Human) Cell Lysate at 30 ug Primary: Anti- KBTBD4 (AP94015) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD Observed band size: 58 kD

KBTBD4 Rabbit pAb - Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.