

KBTBD4 (5G8) Mouse Monoclonal antibody
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Catalog # AP93883**Specification**

KBTBD4 (5G8) Mouse Monoclonal antibody - Product Information

Application	WB, IHC
Primary Accession	Q9NVX7
Reactivity	Human, Mouse
Clonality	Monoclonal
Calculated MW	59904

KBTBD4 (5G8) Mouse Monoclonal antibody - Additional Information**Gene ID** 55709**Other Names**

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

Dilution

WB~~1:1000
IHC~~1:100~500

Storage Conditions

-20°C

KBTBD4 (5G8) Mouse Monoclonal antibody - Protein Information**Name** KBTBD4**Synonyms** BKLHD4**Function**

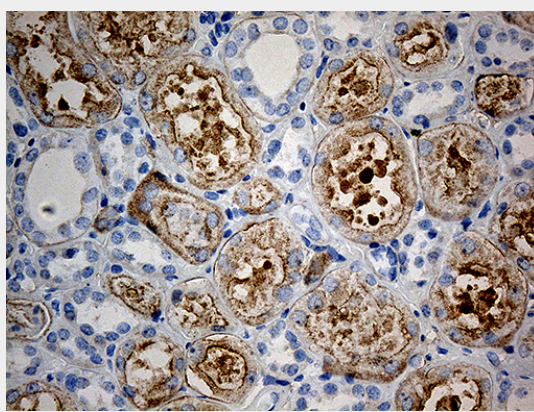
Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex which targets CoREST corepressor complex components RCOR1, KDM1A/LSD1 and HDAC2 for proteasomal degradation (PubMed:33417871). RCOR1 is likely to be the primary target while degradation of KDM1A and HDAC2 is likely due to 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 (5G8) Mouse Monoclonal antibody - Protocols

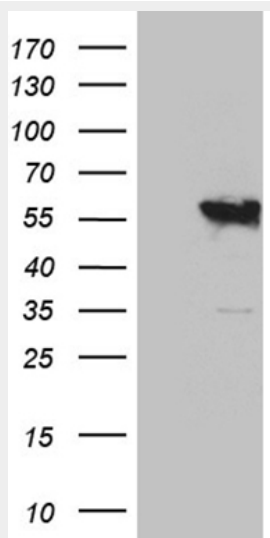
Provided below are standard protocols that you may find useful for product applications.

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

KBTBD4 (5G8) Mouse Monoclonal antibody - Images



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-KBTBD4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, AP93883) (1:500)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY KBTBD4 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-KBTBD4 antibody (Cat# AP93883). Positive lysates (100ug) and (20ug) can be purchased separately from biodragon.