

Anti-KLRD1 Antibody

Catalog Number: A03257

About KLRD1

E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific N-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation. May be involved in pancreatic homeostasis. Binds leucine and is a negative regulator of the leucine-mTOR signaling pathway, thereby controlling cell growth.

Kwak K.S., Cancer Res. 64:8193-8198(2004).

Dgany O., Am. J. Hum. Genet. 71:1467-1474(2002).

Ota T., Nat. Genet. 36:40-45(2004).

Overview

Product Name	Anti-KLRD1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-KLRD1 Antibody catalog # A03257. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13241

Technical Details

Immunogen	Synthesized peptide derived from human RAC3 protein.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:2000

Anti-KLRD1 Antibody (A03257) Images

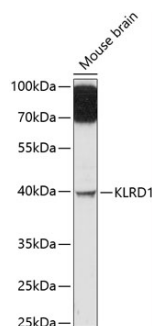


Figure 1. Western blotting validation for Anti-KLRD1 Antibody A03257

Western blot analysis of extracts of K562 cell lines

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