



Rabbit Anti-KBTBD10 antibody

SL8044R

Product Name:	KBTBD10
Chinese Name:	BTB-kelch蛋白家族10抗体
Alias:	cb52; fb24f05; fc15e07; Gm112; KBTBD10; Kel like protein 23; Kelch related protein 1; KRP1; MGC143407; Sarcosin; sbcb52; wufb24f05; wufc15e07; KBTBA HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	68kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human KBTBD10:542-606/606
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	Sarcosin contains 1 BTB (POZ) domain and is required for pseudopod elongation in transformed cells. Sarcosin mRNA is up-regulated by less than two folds in the heart in human patients with HCM. Function: Required for pseudopod elongation in transformed cells. Substrate-specific adapter of an

E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.

Subunit:

Interacts with NRAP (By similarity). Part of a complex that contains CUL3, RBX1 and KBTBD10.

Subcellular Location:

Cytoplasm. Cytoplasm, cytoskeleton. Cell projection, pseudopodium. Cell projection, ruffle. Note=Predominantly cytoplasmic but can co-localize with F-actin at the membrane ruffle-like structures at the tips of transformation-specific pseudopodia.

Post-translational modifications:

Ubiquitinated and probably targeted for proteasome-independent degradation.

Similarity:

Contains 1 BTB (POZ) domain.

Contains 5 Kelch repeats.

SWISS:

O60662

Gene ID:

10324

Database links:

[Entrez Gene: 505794](#)Cow

[Entrez Gene: 10324](#)Human

[Entrez Gene: 228003](#)Mouse

[Entrez Gene: 117537](#)Rat

[SwissProt: O60662](#)Human

[SwissProt: A2AUC9](#)Mouse

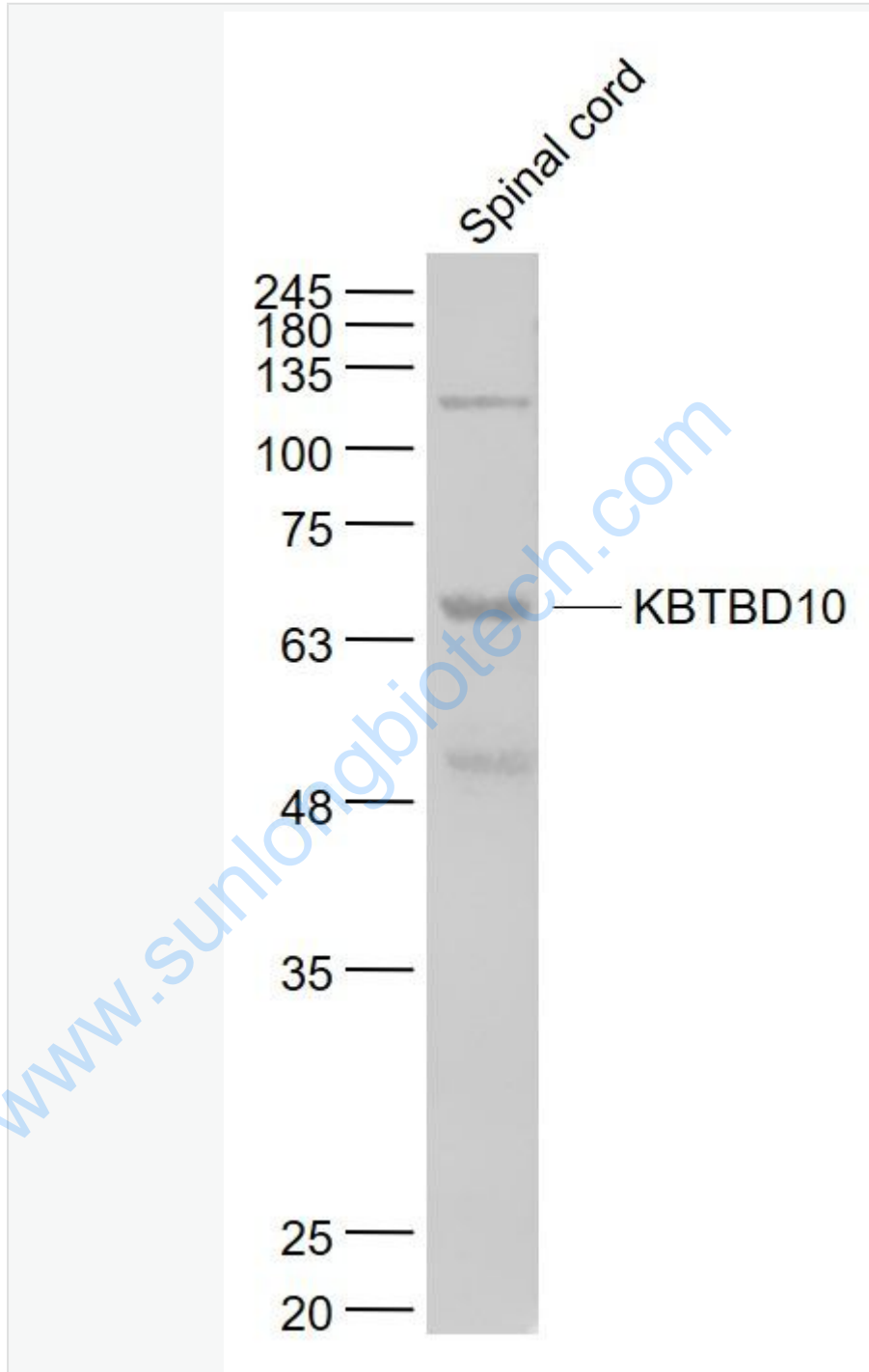
[SwissProt: Q9ER30](#)Rat

[Unigene: 50550](#)Human

Important Note:

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

Picture:



Sample:

Spinal cord (Mouse) Lysate at 40 ug

Primary: Anti- KBTBD10 (SL8044R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 68 kD

Observed band size: 68 kD

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