

COBL Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human COBL
Form	Liquid
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2639995

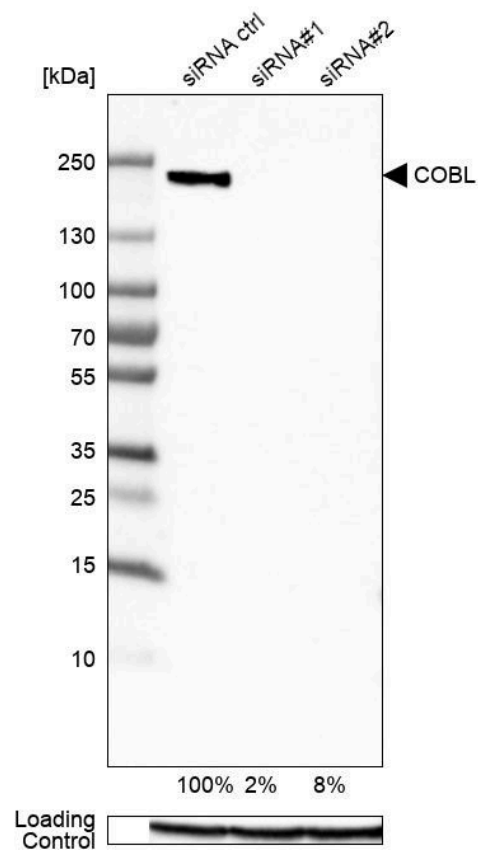
Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunohistochemistry (IHC)	1:50-1:200	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

Immunogen sequence: AVVRVSPEVP LQNILPVICA KCEVSPEHVV LLRDNIAGEE LELSKSLNEL GIKELYAWDN RRETFRKSSL GNDETDEKK KFLGFFKVNK RSNSKGCLT

Highest antigen sequence identity to the following orthologs: Mouse - 94%, Rat - 92%.

Product Images For COBL Polyclonal Antibody

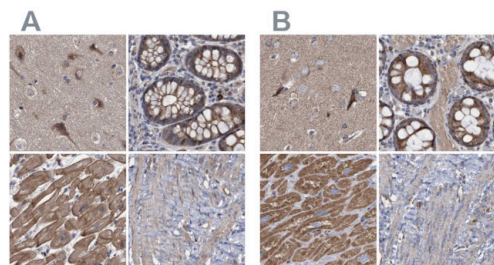


COBL Antibody (PA5-53941)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with, control siRNA, COBL siRNA probe #1, and COBL siRNA probe #2 and a decrease in signal intensity was observed in Western Blot application using Anti-COBL Polyclonal Antibody (Product # PA5-53941) used at a dilution of 0.4 $\mu\text{g/mL}$. Anti-GAPDH was used as a loading control. {KD}

COBL Antibody (PA5-53941) in IHC

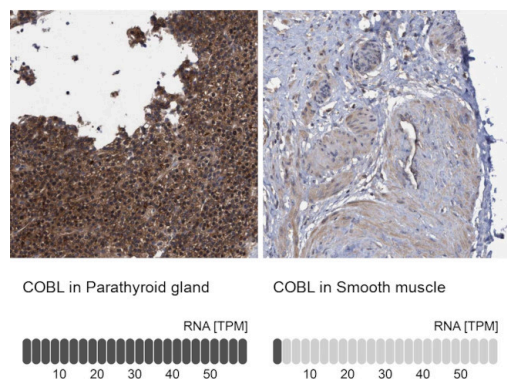
Immunohistochemical staining of COBL in human cerebral cortex, colon, heart muscle and smooth muscle using COBL Polyclonal Antibody (Product # PA5-53941) (A) shows similar protein distribution across tissues to an independent COBL Polyclonal Antibody (B).



COBL Antibody (PA5-53941)

Relative expression in different tissues in IHC: Detection of differential expression levels of COBL demonstrates antibody specificity.

Immunohistochemical analysis of COBL using anti-COBL Polyclonal Antibody (Product # PA5-53941), shows significant staining of COBL in human parathyroid gland and shows minimal or weak staining in human smooth muscle tissues. The relative expression levels of COBL within each tissue is shown using RNA-Seq. {RE}



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