

## Anti-RNF20 Antibody

Catalog Number: A03457

### About RNF20

RNF20 is an E3 ubiquitin ligase that regulates chromosome structure by monoubiquitinating histone H2B. RNF20 selectively suppresses the expression of some genes such as several protooncogenes and growth-related genes, including many genes that are induced by epidermal growth factor by interfering with chromatin recruitment of transcription elongation factor SII (TFIIS). In contrast, RNF20 also positively regulates the p53 tumor suppressor as well as numerous histone H2A and H2B genes. Together with the deubiquitinase USP44, RNF20 regulates stem cell differentiation by modulating H2B monoubiquitination.

### Overview

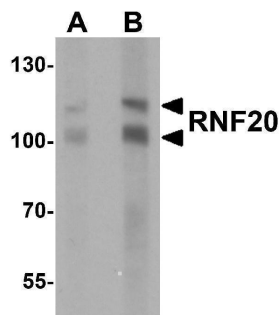
Product Name	Anti-RNF20 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-RNF20 Antibody (Catalog # A03457). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	RNF20 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	RNF20 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q5VTR2

### Technical Details

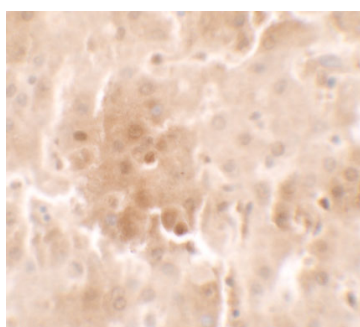
Immunogen	RNF20 antibody was raised against a 19 amino acid peptide near the amino terminus of human RNF20. The immunogen is located within amino acids 130 - 180 of RNF20.
Predicted Reactive Species	Bovine, Chicken
Cross Reactivity	Multiple isoforms of RNF20 are known to exist.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	RNF20 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RNF20 antibody can be used for detection of RNF20 by Western blot at 1 - 2 ug/mL.

Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

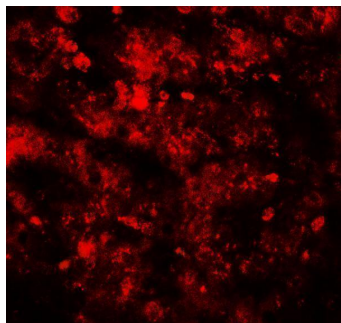
## Anti-RNF20 Antibody (A03457) Images



Western blot analysis of RNF20 in human liver tissue lysate with RNF20 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of RNF20 in human liver tissue with RNF20 antibody at 2.5 ug/ml.



Immunofluorescence of RNF20 in human liver tissue with RNF20 antibody at 20 ug/ml.

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Anti-RNF20 Antibody

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