

Rabbit anti-Human, Mouse RNF20 Polyclonal Antibody | anti-RNF20 antibody

Rabbit anti-RNF20 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211104	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

RNF20; Polyclonal Antibody; Rabbit anti-RNF20 Antibody; Affinity Purified; hBRE1; BRE1; RING-type E3 ubiquitin transferase BRE1A; RING finger protein 20; homolog of S. cerevisiae BRE1; BRE1-A; BRE1A; BRE1 E3 ubiquitin ligase homolog; E3 ubiquitin-protein ligase BRE1A; ring finger protein 20; anti-RNF20 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RNF20 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Chicken, Bovine
Immunogen	Between 125 and 175
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



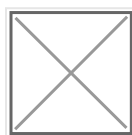
WB (Western Blot)

Detection of human RNF20 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RNF20 antibody AAA211104 (lot AAA211104-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



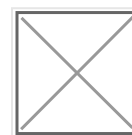
IP (Immunoprecipitation)

Detection of human RNF20 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RNF20 antibody AAA211104 (lot AAA211104-2) used for IP at 6 ug per reaction. RNF20 was also immunoprecipitated by rabbit anti-RNF20 antibody For blotting immunoprecipitated RNF20, AAA211104 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of mouse RNF20 by immunohistochemistry. Sample: FFPE section of mouse plasmacytoma. Antibody: Affinity purified rabbit anti-RNF20 (Cat. No. AAA211104 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human RNF20 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-RNF20 (Cat. No. AAA211104 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-RNF20 antibody	The conjugation of ubiquitin to proteins is an important means to regulate protein activity for many cellular processes. Targeting of proteins by ubiquitination occurs in three main steps that involve the activation of ubiquitin by E1 enzymes, the carrying of ubiquitin to the target protein by E2 enzymes, and the ligation of ubiquitin to the target protein by E3 enzymes. Ring finger protein 20 (RNF20) is a member of the RING type E3 ubiquitin ligases. RNF20 forms a complex with RNF40 to carry out H2B monoubiquitination in association with hPAF and the UbcH6 ubiquitin E2-conjugating enzyme. H2B monoubiquitination by RNF40/RNF20 has been shown to be associated with increased H3 methylation and gene transcription.
Product Categories/Family for anti-RNF20 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	34878777
NCBI GeneID	56254
NCBI Accession #	NP_062538.5
NCBI GenBank Nucleotide #	NM_019592.6
UniProt Accession #	Q5VTR2; Q2TB34; Q69YL5; Q6P527; Q8N3J4; Q96JD3; Q9H9Y7; Q9HA51; Q9NUR4; Q9NWQ3; Q9NX83; A7MCT5
Molecular Weight	113662 MW
NCBI Official Full Name	E3 ubiquitin-protein ligase BRE1A
UniProt Protein Name	E3 ubiquitin-protein ligase BRE1A
UniProt Gene Name	RNF20
UniProt Synonym Gene Names	BRE1A; BRE1-A; hBRE1
UniProt Entry Name	BRE1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rnf20-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211104>