

## Rabbit anti-Human, Mouse RNF20 Monoclonal Antibody | anti-RNF20 antibody

RNF20 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                        |
|-----------|--------|--------------|---------------------------------------------------------------------|
| AAA312172 | Rabbit | Human, Mouse | Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot |

### PRODUCT SYNONYMS

RNF20; Monoclonal Antibody; RNF20 Antibody; BRE1 A antibody; BRE1 antibody; BRE1 E3 ubiquitin ligase homolog antibody; BRE1-A antibody; BRE1A antibody; BRE1A\_HUMAN antibody; E3 ubiquitin-protein ligase BRE1A antibody; hBRE1 antibody; Homolog of S. cerevisiae BRE1 antibody; RING finger protein 20 antibody; Ring finger protein 20 E3 ubiquitin protein ligase antibody; Rnf20 antibody; anti-RNF20 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                 |
| Reactivity                                      | Human, Mouse                                                           |
| Clonality                                       | Monoclonal                                                             |
| Clone Number                                    | SP00-47                                                                |
| Purity/Purification                             | ProA affinity purified                                                 |
| Form/Format                                     | 1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide. |
| Applicable Applications for anti-RNF20 antibody | FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot) |
| Antibody Type                                   | Recombinant Antibody                                                   |
| Immunogen                                       | Recombinant protein                                                    |
| Conjugation                                     | Unconjugated                                                           |
| Preparation and Storage                         | Store at -20 degree C.                                                 |

### IMAGES



#### FCM/FACS (Flow Cytometry)

Flow cytometric analysis of K562 cells with RNF20 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



#### WB (Western Blot)

Western blot analysis of RNF20 on different lysates using anti-RNF20 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: MCF-7 Lane 3: Jurkat

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RNF20 antibody | Ubiquitination is an important mechanism through which three classes of enzymes act in concert to target short-lived or abnormal proteins for destruction. The three classes of enzymes involved in ubiquitination are the ubiquitin-activating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). RNF20 (ring finger protein 20), also known as BRE1, BRE1A or hBRE1, is a 975 amino acid nuclear protein that belongs to the BRE1 family. As a component of the RNF20/40 complex, RNF20 functions as an E3 ubiquitin-protein ligase that regulates the monoubiquitination and subsequent degradation of select residues on target proteins, such as Histone H2B. RNF20 is required for transcriptional activation of Hox genes and is most likely recruited by p53 to the MDM2 promoter, thereby acting as a transcriptional co-activator. RNF20 contains one zinc finger domain and exists as a homodimer. |
| Product Categories/Family for anti-RNF20 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 84027766                                                                                                   |
| NCBI GeneID                      | 56254                                                                                                      |
| UniProt Accession #              | Q5VTR2; Q2TB34; Q69YL5; Q6P527; Q8N3J4; Q96JD3; Q9H9Y7; Q9HA51; Q9NUR4; Q9NWX3; Q9NX83; A7MCT5             |
| Molecular Weight                 | 975                                                                                                        |
| NCBI Official Full Name          | E3 ubiquitin-protein ligase BRE1A                                                                          |
| NCBI Official Synonym Full Names | ring finger protein 20, E3 ubiquitin protein ligase                                                        |
| NCBI Official Symbol             | RNF20                                                                                                      |
| NCBI Official Synonym Symbols    | BRE1; BRE1A; hBRE1                                                                                         |
| NCBI Protein Information         | E3 ubiquitin-protein ligase BRE1A; BRE1-A; homolog of S. cerevisiae BRE1; BRE1 E3 ubiquitin ligase homolog |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/rnf20-antibody-clone-sp00-47-flow-cytometry-immunoprecipitation-western-blot-elisa/312172>