

**RNF20 Rabbit mAb**  
Catalog # AP77405**Specification**

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**RNF20 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">Q5VTR2</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>113662</b>

**RNF20 Rabbit mAb - Additional Information****Gene ID** 56254**Other Names**

RNF20

**Dilution**

WB~~1/500-1/1000

**Format**

Liquid

**RNF20 Rabbit mAb - Protein Information****Name** RNF20**Synonyms** BRE1A**Function**

Component of the RNF20/40 E3 ubiquitin-protein ligase complex that mediates monoubiquitination of 'Lys-120' of histone H2B (H2BK120ub1). H2BK120ub1 gives a specific tag for epigenetic transcriptional activation and is also prerequisite for histone H3 'Lys-4' and 'Lys-79' methylation (H3K4me and H3K79me, respectively). It thereby plays a central role in histone code and gene regulation. The RNF20/40 complex forms a H2B ubiquitin ligase complex in cooperation with the E2 enzyme UBE2A or UBE2B; reports about the cooperation with UBE2E1/UBCH are contradictory. Required for transcriptional activation of Hox genes. Recruited to the MDM2 promoter, probably by being recruited by p53/TP53, and thereby acts as a transcriptional coactivator. Mediates the polyubiquitination of isoform 2 of PA2G4 in cancer cells leading to its proteasome-mediated degradation.

**Cellular Location**

Nucleus

**Tissue Location**

Expressed in the normal brain and also in malignant gliomas (at protein level).

## RNF20 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## RNF20 Rabbit mAb - Images

