

## Product Datasheet

# RNF20 Antibody

Catalog No: CY5071

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB ICC/IF IP FC



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### Information

**UniProt ID:** Q5VTR2

**All Names:** RING finger protein 20; BRE1A;RNF20

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 114 kDa

### Application

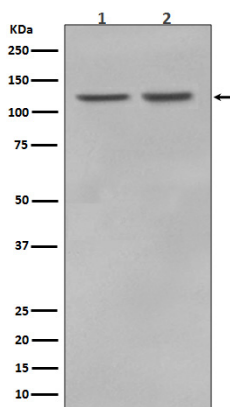
WB: 1:500~1:2000

ICC/IF: 1:50~1:200

IP: 1:50

### Background

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.



Western blot analysis of RNF20 in (1)MCF7 cell lysate;(2)HeLa cell lysate.

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