

Datasheet for ABIN4913698

**anti-RNF20 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	RNF20
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RNF20 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This RNF20 antibody is generated from a mouse immunized with a recombinant protein of human RNF20.
Clone:	4C6
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

## Target Details

Target:	RNF20
Alternative Name:	RNF20 ( <a href="#">RNF20 Products</a> )
Background:	Synonyms: BRE1, BRE1A, hBRE1, E3 ubiquitin-protein ligase BRE1A, BRE1-A, RING finger

## Target Details

protein 20, RNF20

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, 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.

Gene ID: 56254

UniProt: [Q5VTR2](#)

## Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

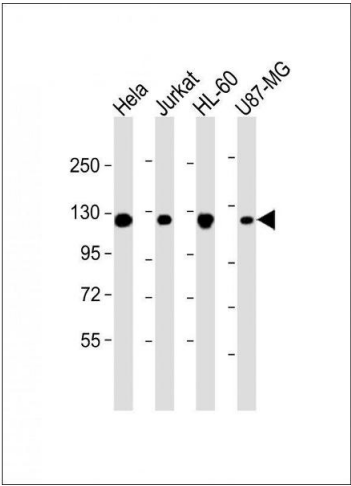
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Western Blotting

**Image 1.** Lane 1: HeLa, Lane 2: Jurkat, Lane 3: HL-60, Lane 4: U87-MG lysate (20µg) per lane, probed with bsm-51332M RNF20 (1594CT552.128.36) Monoclonal Antibody at 1:2000 dilution and 4°C *overnight incubation, followed by secondary antibody incubation for 60min at room temperature.*