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## Datasheet for ABIN6944788 **anti-RNF40 antibody**

### Overview

Quantity:	100 µL
Target:	RNF40
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RNF40 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	Recombinant protein within human RNF40 aa 200-400.
Clone:	8D8
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	RNF40
Alternative Name:	RNF40 ( <a href="#">RNF40 Products</a> )
Background:	Synonyms: E3 ubiquitin-protein ligase BRE1B, BRE1-B, 95 kDa retinoblastoma-associated

## Target Details

protein, RBP95, RING finger protein 40, RING-type E3 ubiquitin transferase BRE1B, KIAA0661

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.

Gene ID: 9810

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IP(1-2 µg)

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS ( pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

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