

## RNF20 Conjugated Antibody

Catalog No: #C40080



Package Size: #C40080-AF350 100ul #C40080-AF405 100ul #C40080-AF488 100ul  
 #C40080-AF555 100ul #C40080-AF594 100ul #C40080-AF647 100ul  
 #C40080-AF680 100ul #C40080-AF750 100ul #C40080-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
 Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	RNF20 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RNF20 protein.
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human ring finger protein 20, E3 ubiquitin protein ligase
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BRE1; BRE1A; hBRE1
Accession No.	Swiss-Prot#:Q5VTR2NCBI Gene ID:56254NCBI mRNA#:NCBI Protein#:BC110585
Uniprot	Q5VTR2
GeneID	56254;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	114
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

## Background

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The protein encoded by this gene shares similarity with BRE1 of *S. cerevisiae*. The protein encoded by this human gene is an E3 ubiquitin ligase that regulates chromosome structure by monoubiquitinating histone H2B. This protein acts as a putative tumor suppressor and positively regulates the p53 tumor suppressor as well as numerous histone H2A and H2B genes. In contrast, this protein also suppresses the expression of several protooncogenes and growth-related genes, including many genes that are induced by epidermal growth factor.

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Note: This product is for in vitro research use only