

Datasheet for ABIN1419130 **anti-RNF8 antibody (HRP)**

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	RNF8
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF8 antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RNF8
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	RNF8
Alternative Name:	RNF8 (RNF8 Products)
Background:	Synonyms: C3HC4 type zinc finger protein, E3 ubiquitin protein ligase RNF8, E3 ubiquitin-protein ligase RNF8, Ring finger protein C3HC4 type 8, RING finger protein 8, RNF 8, RNF8, RNF8_HUMAN, UBC13/UEV interacting ring finger protein. Background: The RING finger motif is a specialized DNA-binding zinc finger domain found in

Target Details

many transcriptional regulatory proteins. The ring finger protein (RNF) family includes any protein containing the signature RING finger motif. RNF8 is a ubiquitously expressed nuclear RING finger protein that acts as an E3 ubiquitin-protein ligase. It is required for the ubiquitination of some nuclear proteins and promotes their subsequent degradation. The heterodimeric ubiquitin-conjugating enzyme UBC13 interacts with RNF8, and they co-localize in the nucleus. RNF8 may regulate mediation of UBC13 polyubiquitylation by elongating the ubiquitin chains. RNF8 also binds to Retinoid X receptor alpha (RXR α), a member of the steroid hormone receptor superfamily. It increases RXR α -mediated transactivation of the RXR α -responsive element (RXRE) promoter in a dose-dependent manner, suggesting that RNF8 is a regulator of RXR α -mediated transcriptional activity.

Gene ID: 9025

Pathways: [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 μ g/ μ L

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 $^{\circ}$ C

Storage Comment: Store at -20 $^{\circ}$ C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months