

RNF149 Rabbit pAb

Catalog # AP96878

Product Information

Application	WB
Primary Accession	Q8NC42
Other Accession	Q8NC42
Reactivity	Rat, Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43165
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RNF149
Epitope Specificity	31-130/400
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 PA (protease associated) domain. Contains 1 RING-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. RNF149 (RING finger protein 149), also known as DNAPTP2 (DNA polymerase-transactivated protein 2) or E3 ubiquitin-protein ligase RNF149, is a 400 amino acid single-pass membrane protein that contains one PA (protease associated) domain and a single RING-type zinc finger. The gene encoding RNF149 maps to human chromosome 2, which consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2 including Harlequin ichthyosis, sitosterolemia and Alström syndrome.

Additional Information

Gene ID	284996
Other Names	DNAPTP2; 1600023E10Rik; Gm15832; Greul4; RN149_HUMAN; RNF149; DNA polymerase-transactivated protein 2; RING finger protein 149; RING-type E3 ubiquitin transferase RNF149; 2.3.2.27; RN149_MOUSE; Goliath-related E3 ubiquitin-protein ligase 4
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	RNF149
Synonyms	DNAPTP2
Function	E3 ubiquitin-protein ligase. Ubiquitinates BRAF, inducing its proteasomal degradation.
Cellular Location	Membrane; Single-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.