

Product Name: APLF (phospho Ser116) Rabbit Polyclonal Antibody
Catalog #: APRab04246

Summary

Production Name	APLF (phospho Ser116) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	APLF APLF; C2orf13; PALF; XIP1; Aprataxin and PNK-like factor; Apurinic-apyrimidinic endonuclease APLF; PNK and APTX-like FHA domain-containing protein; XRCC1-interacting protein 1
Alternative Names	
Gene ID	200558.0
SwissProt ID	Q8IW19. The antiserum was produced against synthesized peptide derived from human APLF around the phosphorylation site of Ser116. AA range:82-131

Application

Dilution Ratio	IHC-P 1:100-1:300, ELISA 1:5000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	

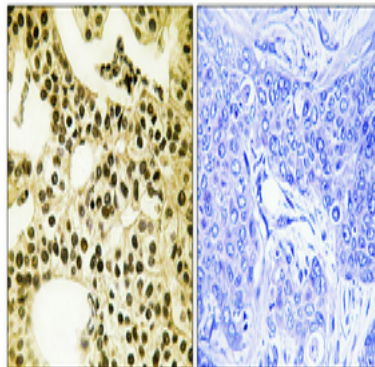
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Background

C2ORF13 is a component of the cellular response to chromosomal DNA single- and double-strand breaks (Iles et al., 2007 [PubMed 17353262]).[supplied by OMIM, Mar 2008],domain:The FHA-like domain mediates interaction with XRCC1 and XRCC4.,function:Involved in single-strand and double-strand DNA break repair.,PTM:Phosphorylated in an ATM-dependent manner upon double-strand DNA break.,similarity:Contains 1 FHA-like domain.,similarity:Contains 2 C2H2-type zinc fingers.,subcellular location:Colocalizes with XRCC1 at sites of DNA damage.,subunit:Interacts with XRCC1. May also interact with XRCC4 and XRCC5.,

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

Note

For research use only.