



APLF rabbit pAb

Cat No.:ES5104

For research use only

Overview

Product Name	APLF rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human APLF. AA range:82-131
Specificity	APLF Polyclonal Antibody detects endogenous levels of APLF protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Aprataxin and PNK-like factor
Gene Name	APLF
Cellular localization	Nucleus . Chromosome . Cytoplasm, cytosol . Localizes to DNA damage sites (PubMed:18474613, PubMed:18172500, PubMed:21211721, PubMed:23689425). Accumulates at single-strand breaks and double-strand breaks via the PBZ-type zinc fingers (PubMed:18172500). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	57kD
Human Gene ID	200558
Human Swiss-Prot Number	Q8IW19
Alternative Names	APLF; C2orf13; PALF; XIP1; Aprataxin and PNK-like factor; Apurinic-apyrimidinic endonuclease APLF; PNK and APTX-like FHA domain-containing protein;



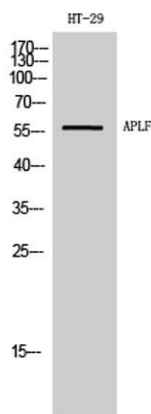


Background

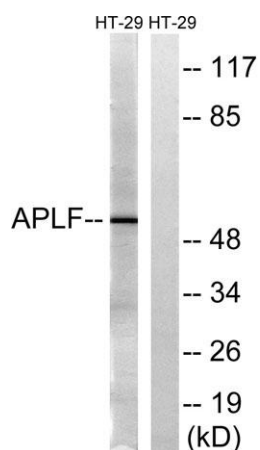
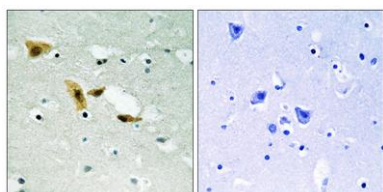
XRCC1-interacting protein 1

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],

Western Blot analysis of HT-29 cells using APLF Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using APLF Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HT-29 cells, using APLF Antibody. The lane on the right is blocked with the synthesized peptide.

