

Rabbit anti-Human APLF Polyclonal Antibody | anti-APLF antibody

APLF (Ab-116) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303204	Rabbit	Human	Immunohistochemistry, Western Blot

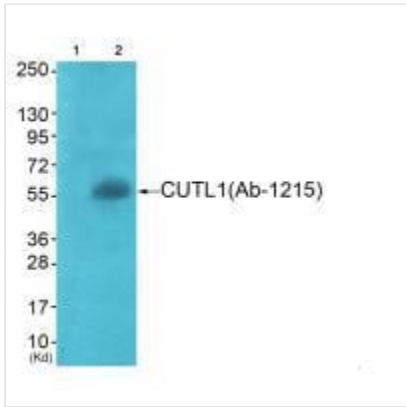
PRODUCT SYNONYMS

APLF; Polyclonal Antibody; APLF (Ab-116) Antibody; APFL; aprataxin and PNK-like factor; C2orf13; Xip1; anti-APLF antibody

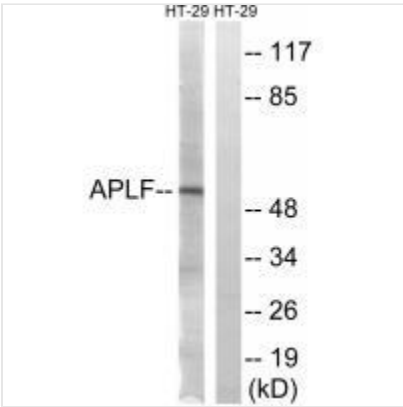
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total APLF protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	511
Applicable Applications for anti-APLF antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human APLF around the phosphorylation site of serine 116 (R-N-S(p)-Q-V).
Target Name	APLF
Preparation and Storage	Store at -20 degree C

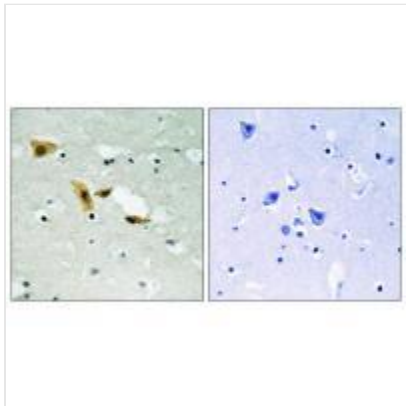
IMAGES



WB (Western Blot)
Western blot analysis of extracts from COS7 cells (Lane 2), using APLF (Ab-116) antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from HT-29 cells, using APLF (Ab-116) antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using APLF (Ab-116) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-APLF antibody	Nuclease involved in single-strand and double-strand DNA break repair. Recruited to sites of DNA damage through interaction with poly(ADP-ribose), a polymeric post-translational modification synthesized transiently at sites of chromosomal damage to accelerate DNA strand break repair reactions. Displays apurinic-apyrimidinic (AP) endonuclease and 3'-5' exonuclease activities in vitro. Also able to introduce nicks at hydroxyuracil and other types of pyrimidine base damage.Saunders W.S., J. Cell Sci. 104:573-582(1993).Ye Q., J. Biol. Chem. 271:14653-14656(1996).Ye Q., J. Biol. Chem. 272:14983-14989(1997).
Product Categories/Family for anti-APLF antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27734905
NCBI GeneID	200558
NCBI Accession #	NP_775816.1
NCBI GenBank Nucleotide #	NM_173545.2
UniProt Accession #	Q8IW19; Q53P47; Q53PB9; Q53QU0; A8K476
Molecular Weight	56,956 Da
NCBI Official Full Name	aprataxin and PNK-like factor

NCBI Official Synonym Full Names	aprataxin and PNKP like factor
NCBI Official Symbol	APLF
NCBI Official Synonym Symbols	APFL; PALF; Xip1; ZCCHH1; C2orf13
NCBI Protein Information	aprataxin and PNK-like factor
UniProt Protein Name	Aprataxin and PNK-like factor
UniProt Gene Name	APLF
UniProt Synonym Gene Names	C2orf13; PALF; XIP1
UniProt Entry Name	APLF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aplf-antibody-immunohistochemistry-western-blot-elisa/303204>