

## Rabbit anti-Human, Mouse APLF Polyclonal Antibody | anti-APLF antibody

APLF (Ab-116) Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA242826 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

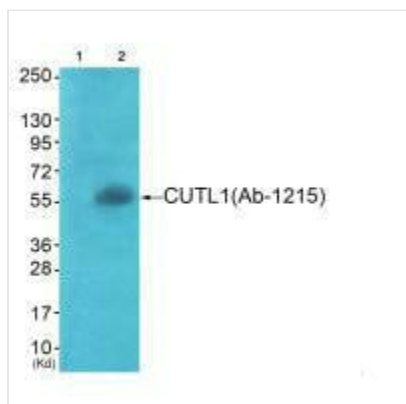
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

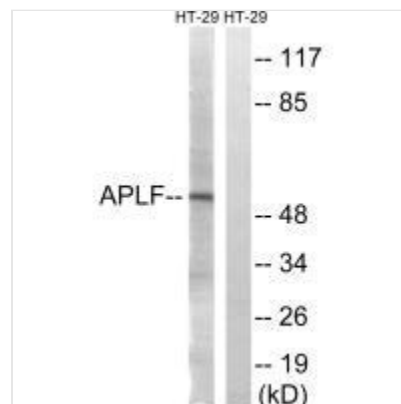
|                                                |                                                                                                                                                            |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                     |
| Reactivity                                     | Human, Mouse                                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                                 |
| Isotype                                        | IgG                                                                                                                                                        |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                       |
| Form/Format                                    | Liquid; Rabbit IgG In Phosphate Buffered Saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol. |
| Applicable Applications for anti-APLF antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                       |
| Immunogen                                      | Synthesized non-phosphopeptide derived from human APLF around the phosphorylation site of serine 116 (R-N-S(p)-Q-V).                                       |
| Immunogen Species                              | Human                                                                                                                                                      |
| Conjugate                                      | Non-conjugated                                                                                                                                             |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                |

### IMAGES



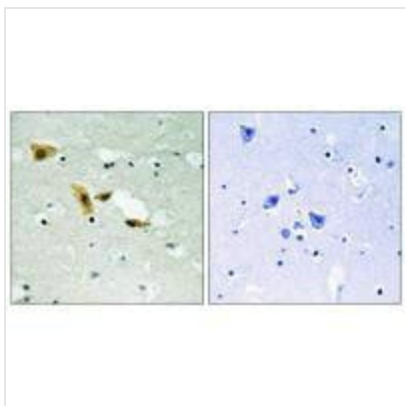
#### WB (Western Blot)

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

|                                                  |                                   |
|--------------------------------------------------|-----------------------------------|
| Product Categories/Family for anti-APLF antibody | Epigenetics and Nuclear Signaling |
|--------------------------------------------------|-----------------------------------|

### 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; C2orf13                                                                                                                                                                                           |
| NCBI Protein Information         | aprataxin and PNK-like factor; XRCC1-interacting protein 1; PNK and APTX-like FHA protein; aprataxin- and PNK-like factor; apurinic-apyrimidinic endonuclease APLF; PNK and APTX-like FHA domain-containing protein |
| UniProt Protein Name             | Aprataxin and PNK-like factor                                                                                                                                                                                       |
| UniProt Gene Name                | <b>APLF</b>                                                                                                                                                                                                         |
| 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.