

APLF (phospho Ser116) rabbit pAb

Cat No.: ES5103

For research use only

Overview

Product Name APLF (phospho Ser116) rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA
Species Cross-Reactivity Human;Mouse

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human APLF around the phosphorylation site of Ser116. AA range:82-131 Phospho-APLF (\$116) Polyclonal Antibody detects

Specificity Phospho-APLF (S116) Polyclonal Antibody detects

endogenous levels of APLF protein only when

phosphorylated at S116.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

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

Human Gene ID 200558 **Human Swiss-Prot Number** Q8IW19

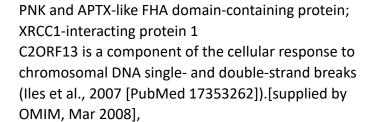
Alternative Names APLF; C2orf13; PALF; XIP1; Aprataxin and PNK-like

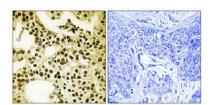
factor; Apurinic-apyrimidinic endonuclease APLF;





Background





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. Negetive contrl (right) obtaned from antibody was pre-absor

