

Anti-Phospho-APLF (S116) Antibody

Catalog Number: A06828S116

About APLF

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).

Overview

Product Name	Anti-Phospho-APLF (S116) Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Phospho-APLF (S116) Antibody catalog # A06828S116. Tested in ELISA, IHC applications. This antibody reacts with Human, Mouse.
Application	ELISA, IHC
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8IW19

Technical Details

Immunogen	Synthesized peptide derived from human APLF around the phosphorylation site of S116.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>IHC 1:100-1:300</p> <p>ELISA 1:5000</p>

Anti-Phospho-APLF (S116) Antibody (A06828S116) Images

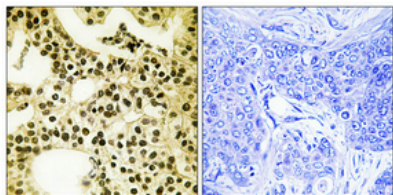


Figure 1. Immunohistochemistry validation of APLF using Anti-Phospho-APLF (S116) Antibody (A06828S116).

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°C

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