

F122A Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14015c**Specification**

F122A Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q96E09
Other Accession	Q6AYT4 , Q9DB52 , NP_612206.3
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	108-136

F122A Antibody (Center) - Additional Information**Gene ID** 116224**Other Names**

Protein FAM122A, FAM122A, C9orf42

Target/Specificity

This F122A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 108-136 amino acids from the Central region of human F122A.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

F122A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

F122A Antibody (Center) - Protein Information**Name** PABIR1 {ECO:0000303|PubMed:33108758, ECO:0000312|HGNC:HGNC:23490}**Function** Acts as an inhibitor of serine/threonine-protein phosphatase 2A (PP2A) activity (PubMed:[27588481](#), PubMed:[33108758](#)). Potentiates ubiquitin-mediated proteasomal degradation

of serine/threonine-protein phosphatase 2A catalytic subunit alpha (PPP2CA) (PubMed:[27588481](#)). Inhibits PP2A-mediated dephosphorylation of WEE1, promoting ubiquitin-mediated proteolysis of WEE1, thereby releasing G2/M checkpoint (PubMed:[33108758](#)).

Cellular Location

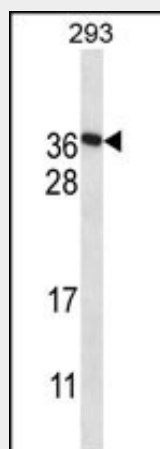
Nucleus. Cytoplasm. Note=The CHEK1-mediated Ser-37 phosphorylated form is sequestered by 14-3-3 proteins in the cytoplasm and fails to translocate to the nucleus, where it otherwise inhibits serine/threonine-protein phosphatase 2A.

F122A Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

F122A Antibody (Center) - Images



F122A Antibody (Center) (Cat. #AP14015c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the F122A antibody detected the F122A protein (arrow).

F122A Antibody (Center) - Background

The exact function of this protein remains unknown.

F122A Antibody (Center) - References

- Kottgen, A., et al. Nat. Genet. 42(5):376-384(2010)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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