

FAM122A Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55681**Specification**

FAM122A Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O96E09
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30529

FAM122A Polyclonal Antibody - Additional Information**Gene ID** 116224**Other Names**

PPP2R1A-PPP2R2A-interacting phosphatase regulator 1 {ECO:0000303|PubMed:33108758, ECO:0000312|HGNC:HGNC:23490}, PABIR family member 1, PABIR1 {ECO:0000303|PubMed:33108758, ECO:0000312|HGNC:HGNC:23490}

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

FAM122A Polyclonal Antibody - 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

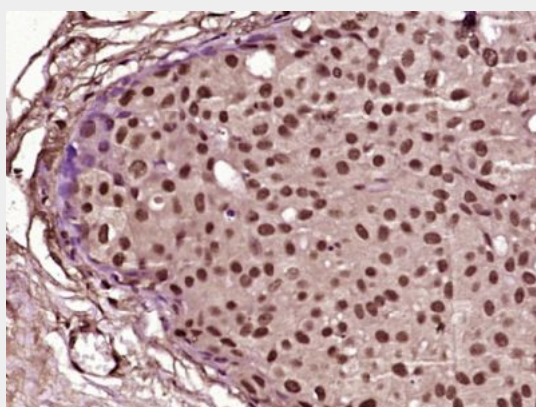
Nucleus. Cytoplasm. Note=The CHEK1-mediated Ser-37 phosphorylated form is sequestered by 14-3-3 proteins in the cytoplasm and fails to translocate to the nucleus, where it otherwise inhibits serine/threonine-protein phosphatase 2A.

FAM122A Polyclonal Antibody - 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](#)

FAM122A Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM122A) Polyclonal Antibody, Unconjugated (bs-14706R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.