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ETAA1 Rabbit pAb

Catalog # AP53626

Product Information

Primary Accession	Q9NY74
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	103440

Additional Information

Gene ID	54465
Other Names	ETAA16
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

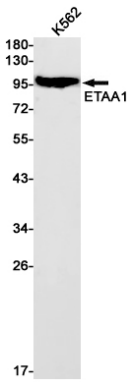
Protein Information

Name	ETAA1 (HGNC:24648)
Function	Replication stress response protein that accumulates at DNA damage sites and promotes replication fork progression and integrity (PubMed:27601467, PubMed:27723717, PubMed:27723720). Recruited to stalled replication forks via interaction with the RPA complex and directly stimulates ATR kinase activity independently of TOPBP1 (PubMed:27723717, PubMed:27723720, PubMed:30139873). Probably only regulates a subset of ATR targets (PubMed:27723717, PubMed:27723720).
Cellular Location	Nucleus Note=Localizes at sites of DNA damage following replication stress (PubMed:27601467, PubMed:27723717, PubMed:27723720). Recruited to stalled replication forks via interaction with RPA1 and RPA2 subunits of the RPA complex (PubMed:27601467, PubMed:27723720)
Tissue Location	Expressed at high levels in the brain, liver kidney and Ewing tumor cell lines.

Background

Swiss-Prot Acc.Q9NY74.Replication stress response protein that accumulates at DNA damage sites and promotes replication fork progression and integrity (PubMed:27601467, PubMed:27723720, PubMed:27723717). Recruited to stalled replication forks via interaction with the RPA complex and directly stimulates ATR kinase activity independently of TOPBP1 (PubMed:27723720, PubMed:27723717). Probably only regulates a subset of ATR targets (PubMed:27723720, PubMed:27723717).

Images



Western blot detection of ETAA1 in K562 cell lysates using ETAA1 Rabbit pAb(1:1000 diluted).Predicted band size:103kDa.Observed band size:103kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.