

ETAA1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51769

Specification

ETAA1 Antibody - Product Information

Application	WB, E
Primary Accession	O9NY74
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103 KDa

ETAA1 Antibody - Additional Information

Gene ID 54465

Other Names

Ewing's tumor-associated antigen 1, Ewing's tumor-associated antigen 16, ETAA1, ETAA16

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

ETAA1 Antibody - 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](http://www.uniprot.org/citations/27601467), PubMed:[27723717](http://www.uniprot.org/citations/27723717), PubMed:[27723720](http://www.uniprot.org/citations/27723720)). Recruited to stalled replication forks via interaction with the RPA complex and directly stimulates ATR kinase activity independently of TOPBP1 (PubMed:[27723717](http://www.uniprot.org/citations/27723717), PubMed:[27723720](http://www.uniprot.org/citations/27723720), PubMed:[30139873](http://www.uniprot.org/citations/30139873)). Probably only regulates a subset of ATR targets (PubMed:[27723717](http://www.uniprot.org/citations/27723717), PubMed:[27723720](http://www.uniprot.org/citations/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.

ETAA1 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](#)

ETAA1 Antibody - Images**ETAA1 Antibody - References**

Borowski A., et al. Cancer Immunol. Immunother. 55:363-374(2006).

Hillier L.W., et al. Nature 434:724-731(2005).

Matsuoka S., et al. Science 316:1160-1166(2007).

Sjoeblom T., et al. Science 314:268-274(2006).