

# ETAA1 Rabbit pAb

Catalog # AP53626

## Product Information

---

|                   |                        |
|-------------------|------------------------|
| Primary Accession | <a href="#">Q9NY74</a> |
| 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 ( <a href="#">HGNC:24648</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Function          | Replication stress response protein that accumulates at DNA damage sites and promotes replication fork progression and integrity (PubMed: <a href="#">27601467</a> , PubMed: <a href="#">27723717</a> , PubMed: <a href="#">27723720</a> ). Recruited to stalled replication forks via interaction with the RPA complex and directly stimulates ATR kinase activity independently of TOPBP1 (PubMed: <a href="#">27723717</a> , PubMed: <a href="#">27723720</a> , PubMed: <a href="#">30139873</a> ). Probably only regulates a subset of ATR targets (PubMed: <a href="#">27723717</a> , PubMed: <a href="#">27723720</a> ). |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

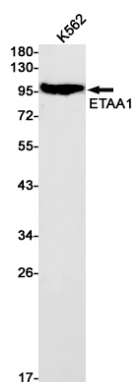
## Background

---

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'.