



Rabbit Anti-ETAA1/ETAA16 antibody

SL14640R

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| Product Name: | ETAA1/ETAA16 |
| Chinese Name: | 尤文氏瘤相关抗原1抗体 |
| Alias: | Etaa1; ETAA1_HUMAN; Ewing's tumor-associated antigen 1; Ewing's tumor-associated antigen 16; ETAA16. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human, |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 103kDa |
| Cellular localization: | cytoplasmic |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human ETAA1/ETAA16:601-700/926 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 癆 for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20癆. 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 癆. |
| PubMed: | PubMed |
| Product Detail: | ETAA16 (Ewing's tumor-associated antigen 16), also known as ETAA1, is a 926 amino acid cytoplasmic protein that is highly expressed in kidney, brain, liver and Ewing tumor cell lines. ETAA16 undergoes post-translational phosphorylation following DNA damage, most likely by either ATM or ATR, and is suggested to function as a tumour-specific cell surface antigen in Ewing's family of tumour cell lines. The gene |

encoding ETAA16 maps to human chromosome 2, which consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2 including Harlequin ichthyosis, sitosterolemia and Alström syndrome.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Expressed at high levels in the brain, liver kidney and Ewing tumor cell lines.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

SWISS:

Q9NY74

Gene ID:

54465

Database links:

[Entrez Gene: 54465](#) Human

[Omim: 613196](#) Human

[SwissProt: Q9NY74](#) Human

[Unigene: 353022](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.