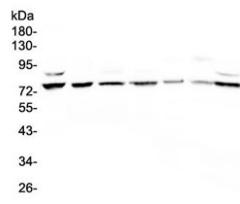


Elf-1 Antibody / E74 like factor 1 (RQ4212)

| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ4212 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| | |
|----------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Predicted Reactivity | Mouse, Rat |
| Format | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Antigen affinity purified |
| Buffer | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| UniProt | P32519 |
| Localization | Nuclear, cytoplasmic |
| Applications | Western Blot : 0.5-1ug/ml |
| Limitations | This Elf-1 antibody is available for research use only. |



Western blot testing of human 1) HeLa, 2) COLO320, 3) A549, 4) PANC-1, 5) A431, 6) Jurkat and 7) 293T cell lysate with Elf-1 antibody at 0.5ug/ml. Expected molecular weight: ~68 kDa (unmodified) up to ~80 kDa (phosphorylated/glycosylated cytoplasmic form) and up to ~98 kDa (phosphorylated/glycosylated nuclear form).

17- 1 2 3 4 5 6 7

Description

E74-like factor 1 (ets domain transcription factor) is a protein that in humans is encoded by the ELF1 gene. It is mapped to chromosome 13q13. This gene encodes an E26 transformation-specific related transcription factor. The encoded protein is primarily expressed in lymphoid cells and acts as both an enhancer and a repressor to regulate transcription of

various genes. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the Elf-1 antibody should be determined by the researcher.

Immunogen

Amino acids QPTQSPYPTQLFRTVHVVQPVQAVPEGEAARTSTMQDE were used as the immunogen for the Elf-1 antibody.

Storage

After reconstitution, the Elf-1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.