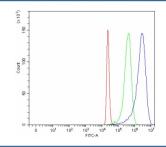


# Alpha SNAP Antibody / NAPA / SNAPA (RQ8316)

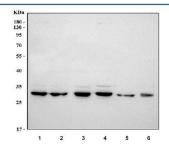
| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ8316      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

# **Bulk quote request**

| Availability       | 1-3 business days  |
|--------------------|--|
| Species Reactivity | Human  |
| Format             | Antigen affinity purified                                      |
| Clonality          | Polyclonal   |
| Isotype            | Rabbit IgG   |
| Purity             | Antigen affinity purified                                      |
| Buffer             | Lyophilized from 1X PBS with 2% Trehalose                      |
| UniProt            | P54920   |
| Applications       | Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells |
| Limitations        | This Alpha SNAP antibody is available for research use only.   |



Flow cytometry testing of fixed and permeabilized human 293T cells with Alpha SNAP antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Alpha SNAP antibody.



Western blot testing of human 1) 293T, 2) MCF7, 3) A549, 4) K562, 5) ThP-1 and 6) PC-3 cell lysate with Alpha SNAP antibody. Predicted molecular weight ~33 kDa.

#### **Description**

N-ethylmaleimide-sensitive factor Attachment Protein Alpha, also known as SNAP-alpha, is a SNAP protein that is involved in the intra-cellular trafficking and fusing of vesicles to target membranes in cells. This gene encodes a member of the soluble NSF attachment protein (SNAP) family. SNAP proteins play a critical role in the docking and fusion of vesicles to target membranes as part of the 20S NSF-SNAP-SNARE complex. The encoded protein plays a role in the completion of membrane fusion by mediating the interaction of N-ethylmaleimide-sensitive factor (NSF) with the vesicle-associated and membrane-associated SNAP receptor (SNARE) complex, and stimulating the ATPase activity of NSF. Alternatively spliced transcript variants have been observed for this gene.

### **Application Notes**

Optimal dilution of the Alpha SNAP antibody should be determined by the researcher.

## **Immunogen**

Amino acids KEAEAMALLAEAERKVKNSQSFFC were used as the immunogen for the Alpha SNAP antibody.

#### **Storage**

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