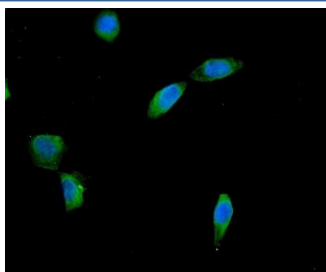


AES Antibody / Amino-terminal enhancer of split (RQ4533)

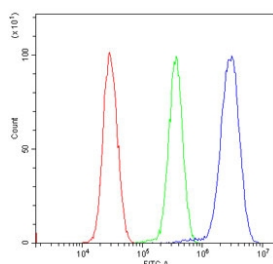
Catalog No.	Formulation	Size
RQ4533	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q08117
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence (FFPE) : 2-4ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This AES antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with AES antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human HeLa cells with AES antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= AES antibody.

kDa
72-
55-
43-
34-
26-
17-
10-

Western blot testing of human U-87 MG lysate with AES antibody at 0.5ug/ml. Predicted molecular weight: ~22 kDa (AES-1), ~29 kDa (AES-2).

Description

The AES gene is mapped to 19p13.3. The protein encoded by this gene is similar in sequence to the amino terminus of Drosophila enhancer of split groucho, a protein involved in neurogenesis during embryonic development. The encoded protein, which belongs to the groucho/TLE family of proteins, can function as a homooligomer or as a heterooligomer with other family members to dominantly repress the expression of other family member genes. Three transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the AES antibody should be determined by the researcher.

Immunogen

Amino acids Y69-L138 from the human protein were used as the immunogen for the AES antibody.

Storage

After reconstitution, the AES 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.