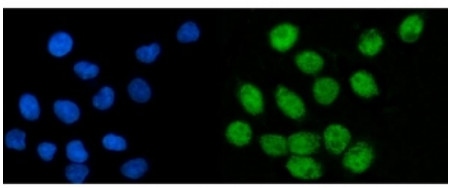
CoREST Antibody / REST corepressor 1 / RCOR1 (RQ7989)

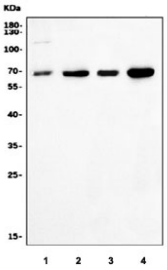
Catalog No.	Formulation	Size
RQ7989	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

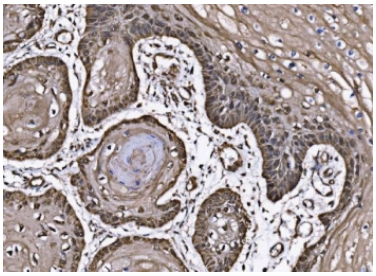
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UKL0
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This CoREST antibody is available for research use only.



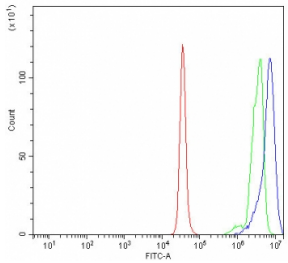
Immunofluorescent staining of FFPE human SiHa cells with CoREST antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) Jurkat, 2) HepG2, 3) HL60 and 4) K562 cell lysate with CoREST antibody. Predicted molecular weight ~53 kDa, commonly observed at 53-66 kDa.



IHC staining of FFPE human esophageal squamous carcinoma tissue with CoREST antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Flow cytometry testing of human K562 cells with CoREST antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CoREST antibody.

Description

REST corepressor 1 also known as CoREST is a protein that in humans is encoded by the RCOR1 gene. This gene encodes a protein that is well-conserved, downregulated at birth, and with a specific role in determining neural cell differentiation. The encoded protein binds to the C-terminal domain of REST (repressor element-1 silencing transcription factor).

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids N270-S485) was used as the immunogen for the CoREST antibody.

Storage

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

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