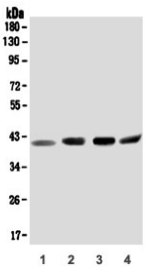
ORAI2 Antibody (RQ5833)

Catalog No.	Formulation	Size
RQ5833	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	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q96SN7
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This ORAI2 antibody is available for research use only.



Western blot testing of human 1) A375, 2) Jurkat, 3) HepG2 and 4) K562 lysate with ORAI2 antibody. Predicted molecular weight: 28 kDa but may be observed higher due to glycosylation.

Description

Protein orai-2 is a protein that in humans is encoded by the ORAI2 gene. Orai2 transcripts are predominantly expressed in kidney, lung, and spleen, and it appears that Orai2 is the only Orai isoform with multiple transcripts. Co-expresssion of Orai2 and STIM1 was shown to produce currents that appear similar but smaller than those produced by co-expression of Orai1 and STIM1.

Application Notes

Optimal dilution of the ORAI2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids H21-L254) was used as the immunogen for the ORAI2 antibody.

Storage

After reconstitution, the ORAI2 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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