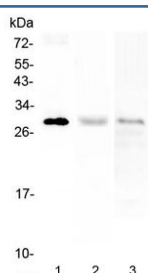


PTCRA Antibody / Pre T-cell antigen receptor alpha (RQ4602)

Catalog No.	Formulation	Size
RQ4602	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	Q6ISU1
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml (human recombinant protein)



Western blot testing of human 1) A375, 2) HL60 and 3) CCRM-CEM cell lysate with PTCRA antibody at 0.5ug/ml. Predicted molecular weight ~29 kDa.

Description

This PTCRA gene is mapped to 6p21.1. Pre T-cell antigen receptor alpha is a single-pass type I membrane protein that is found in immature but not mature T-cells. Along with TCRB and CD3 complex, the encoded protein forms the pre-T-cell receptor complex, which regulates early T-cell development. Four transcript variants encoding different isoforms have been found for this gene.

Application Notes

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

Immunogen

Amino acids T24-T143 from the human protein were used as the immunogen for the PTCRA antibody.

Storage

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