

[Go to Product page](#)

Datasheet for ABIN6719646
anti-PTCRA antibody (AA 24-143)

Overview

Quantity:	100 µg
Target:	PTCRA
Binding Specificity:	AA 24-143
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit IgG polyclonal antibody for PTCRA detection. Tested with WB, Direct ELISA in Human.
Immunogen:	E. coli-derived human PTCRA recombinant protein (Position: T24-T143).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for PTCRA detection. Tested with WB, Direct ELISA in Human.
Purification:	Immunogen affinity purified.

Target Details

Target:	PTCRA
Alternative Name:	PTCRA (PTCRA Products)
Background:	Synonyms: Pre T-cell antigen receptor alpha, pT-alpha, pTa, pT-alpha-TCR, PTCRA

Target Details

Background: This PTCRA gene is mapped to 6p21.1. The protein encoded by this gene 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.

Gene ID: 171558

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: Application details: Western blot|0.1-0.5 µg/mL Direct ELISA|0.1-0.5 µg/mL

Comment: Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Buffer: Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na₂HPO₄, 0.05 mg Sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.