

Datasheet for ABIN7601381
anti-Chymotrypsin antibody (AA 34-264)



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Overview

Quantity:	100 µg
Target:	Chymotrypsin (CTRL)
Binding Specificity:	AA 34-264
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Chymotrypsin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-CTRL Antibody Picoband®
Immunogen:	E.coli-derived human CTRL recombinant protein (Position: I34-N264).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-CTRL Antibody Picoband® (ABIN7601381). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	Chymotrypsin (CTRL)
Alternative Name:	CTRL (CTRL Products)
Background:	Synonyms: PHD finger protein 21A, BHC80a, BRAF35-HDAC complex protein BHC80, PHF21A, BHC80, KIAA1696, BM-006 Tissue Specificity: Highly expressed in brain. Expressed at much lower level in other tissues. Background: Chymotrypsin-like protease CTRL-1 is an enzyme that in humans is encoded by the CTRL gene. This gene encodes a serine-type endopeptidase with chymotrypsin- and elastase-2-like activities. The gene encoding this zymogen is expressed specifically in the pancreas and likely functions as a digestive enzyme.
Molecular Weight:	28 kDa
Gene ID:	1506
UniProt:	P40313

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Larsen, F., Solheim, J., Kristensen, T., Kolsto, A.-B., Prydz, H. A tight cluster of five unrelated human genes on chromosome 16q22.1. Hum. Molec. Genet. 2: 1589-1595, 1993. 2. Reseland, J. E., Larsen, F., Solheim, J., Eriksen, J. A., Hanssen, L. E., Prydz, H. A novel human chymotrypsin-like digestive enzyme. J. Biol. Chem. 272: 8099-8104, 1997.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and

thawing.