

Datasheet for ABIN335110  
**anti-ABCD4 antibody (Internal Region)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	ABCD4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ABCD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	ABCD4
Immunogen:	Peptide with sequence C-RDDIDNPDQRISQD, from the internal region of the protein sequence according to NP_005041.1.
Sequence:	RDDIDNPDQR ISQD
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_064719.1 NP_064731.1 NP_064720.1 NP_064730.1
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target:	ABCD4
Alternative Name:	ABCD4 ( <a href="#">ABCD4 Products</a> )
Background:	ABCD4, ATP-binding cassette, sub-family D (ALD), member 4, ABC41, EST352188, P70R, P79R, PMP69, PXMP1L, ATP-binding cassette, sub-family D, member 4, peroxisomal membrane protein 1-like
Gene ID:	5826, 19300, 299196
NCBI Accession:	<a href="#">NP_005041</a>

## Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Testis and Kidney. Recommended concentration: 3.75 µg/mL.  Western Blot: Approx 70 kDa band observed in lysates of cell lines Jurkat and MOLT4 (calculated MW of 68.6 kDa according to NP_005041.1). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour.  Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

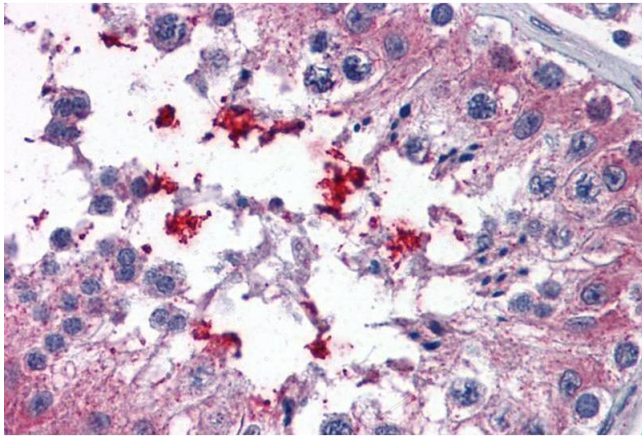
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

## Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Images



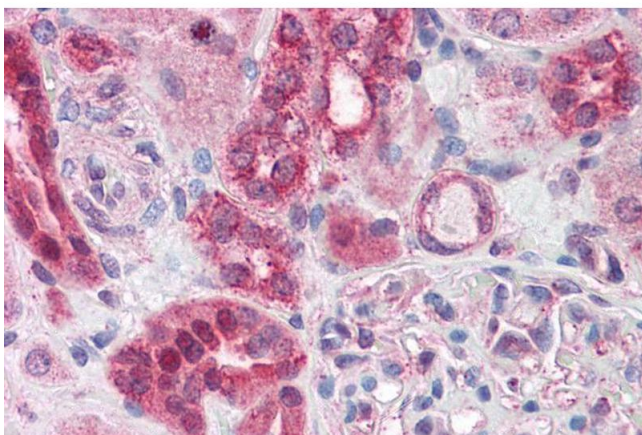
### Immunohistochemistry

**Image 1.** ABIN335110 (3.75µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



### Western Blotting

**Image 2.** ABIN335110 (0.3µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Detected with chemiluminescence.



### Immunohistochemistry

**Image 3.** ABIN335110 (3.75µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.