

Datasheet for ABIN7453386

anti-CEP290 antibody (AA 2429-2479)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CEP290
Binding Specificity:	AA 2429-2479
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (fixed cells) (IF/ICC)

Product Details

Purpose:	Rabbit anti-CEP290 Antibody, Affinity Purified
Immunogen:	between AA 2429 and 2479
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	CEP290
Alternative Name:	CEP290 (CEP290 Products)
Background:	Background: Centrosomal protein 290 (CEP290) is a member of the nephrocystins, a family of proteins involved in renal cystic diseases. CEP290 and the nephrocystins appear to play a role in cilia and basal body function. Loss-of-function mutations in CEP290 result in Joubert syndrome and related disorders characterized by brain malformations, developmental delay,

Target Details

	ataxia, irregular breathing, renal disease, and hepatic fibrosis.
Gene ID:	80184
NCBI Accession:	NP_079390
UniProt:	O15078
Pathways:	cAMP Metabolic Process , M Phase

Application Details

Application Notes:	ICC-IF: 1:250 - 1:1,000. Formaldehyde fixation is recommended. Permeabilization with Triton-X 100 is recommended for formaldehyde-fixed cells. IP: 2 - 5 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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
Expiry Date:	12 months