Datasheet for ABIN1533949

anti-CDKL4 antibody (AA 266-315)

3 Images

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Overview

Quantity:	100 µg
Target:	CDKL4
Binding Specificity:	AA 266-315
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CDKL4.
Isotype:	IgG
Specificity:	CDKL4 Antibody detects endogenous levels of total CDKL4 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	CDKL4
Alternative Name:	CDKL4 (CDKL4 Products)
Background:	Synonyms: Cyclin-dependent kinase-like 4 NCBI Gene Symbol: CDKL4

Target Details

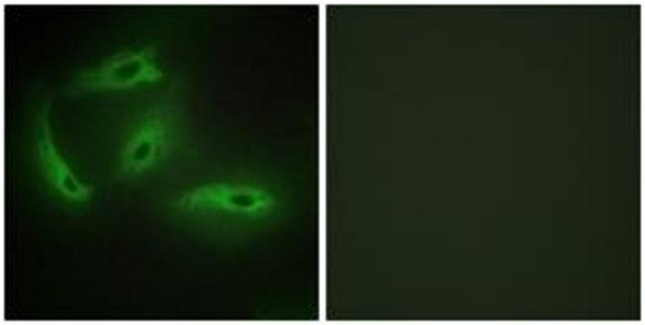
Molecular Weight:	36 kDa
Gene ID:	344387
UniProt:	Q5MAI5

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.403201 (NCBI Gene Symbol: CDKL4)
Restrictions:	For Research Use only

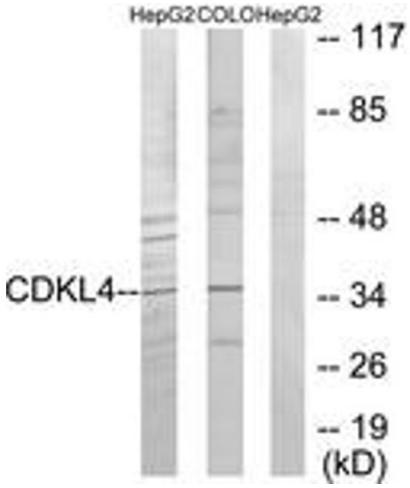
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



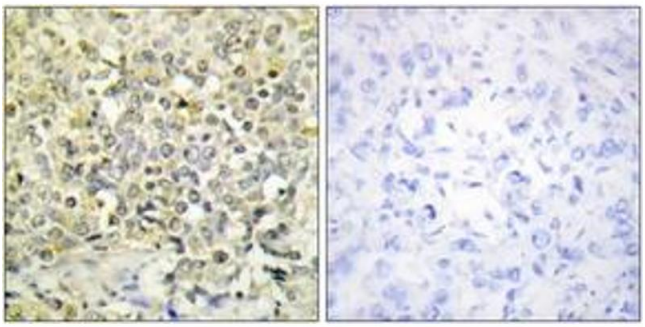
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells, using CDKL4 Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HepG2/COLO205 cells, using CDKL4 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 3. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CDKL4 Antibody. The picture on the right is treated with the synthesized peptide.