

Datasheet for ABIN7453908
anti-CDKL5 antibody (AA 350-400)



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Overview

Quantity:	100 µg
Target:	CDKL5
Binding Specificity:	AA 350-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKL5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-CDKL5 Antibody, Affinity Purified
Immunogen:	Between AA 350 and 400
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	CDKL5
Alternative Name:	CDKL5 (CDKL5 Products)
Background:	Background: Cyclin-dependent kinase-like 5 (CDKL5) is a member of Ser/Thr protein kinase

Target Details

family and encodes a phosphorylated protein with protein kinase activity. Mutations in the CDKL5 gene have been associated with X-linked infantile spasm syndrome (ISSX), also known as X-linked West syndrome, and Rett syndrome (RTT) [taken from NCBI Entrez Gene (Gene ID: 6792)].

Gene ID:	6792
NCBI Accession:	NP_003150
UniProt:	O76039
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	IHC: 1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 10 µg/mg lysate WB: 1:1,000 - 1:5,000
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