

Datasheet for ABIN529572
anti-ZIC4 antibody (AA 1-90)

3 Images

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Overview

Quantity:	100 µg
Target:	ZIC4
Binding Specificity:	AA 1-90
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZIC4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant ZIC4.
Immunogen:	ZIC4 (NP_115529, 1 a.a. ~ 90 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MRYKTSLVMR KRLRLYRNTL KESSSSSGHH GPQLTAASSP SVFPGLHEEP PQASPSRPLN GLLRLGLPGD MYARPEPFPP GPAARSDALA
Clone:	2B9
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ZIC4
Alternative Name:	ZIC4 (ZIC4 Products)
Background:	Full Gene Name: Zic family member 4 Synonyms: FLJ42609,FLJ45833
Gene ID:	84107
NCBI Accession:	NM_032153

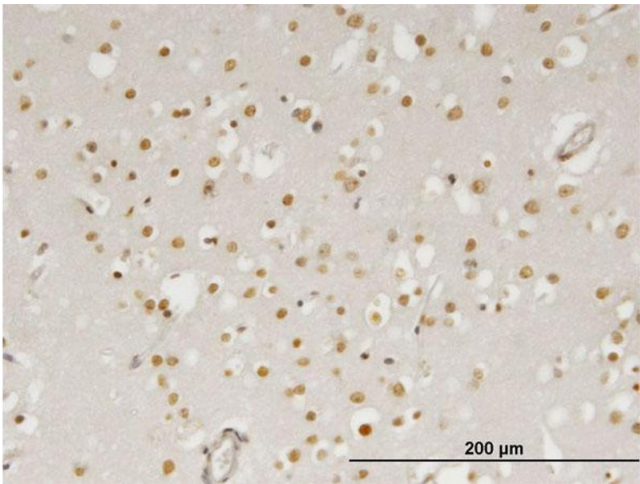
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

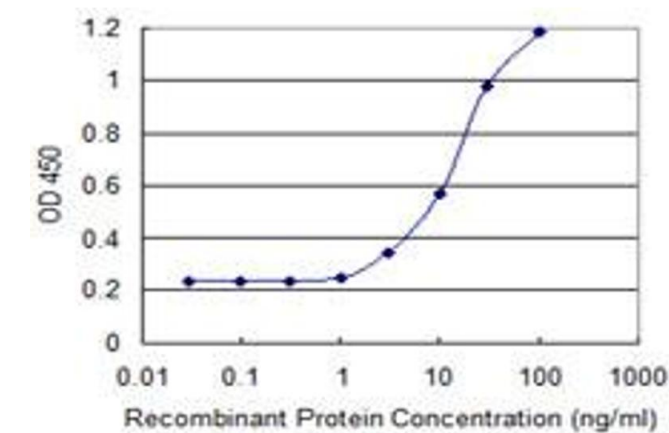
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



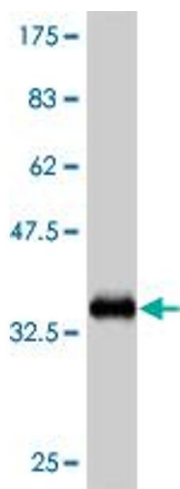
Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to ZIC4 on formalin-fixed paraffin-embedded human cerebral cortex. [antibody concentration 3 ug/ml]



ELISA

Image 2. Detection limit for recombinant GST tagged ZIC4 is 1 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (35.64 kDa) .