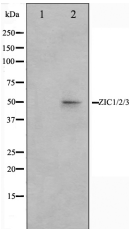
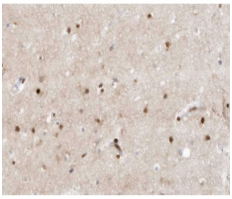
ZIC1/2/3 Ab

Cat.#: AF0340	Concn.: 1mg/ml	Mol.Wt.: 51kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB: 1:500~1:3000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	ZIC1/2/3 Ab detects endogenous levels of total ZIC1/2/3.
Immunogen:	A synthesized peptide derived from human ZIC1/2/3.
Uniprot:	Q15915/O95409/O60481
Description:	Q15915; ZIC; Zic family member 1 (odd-paired Drosophila homolog); Zic family member 1 (odd-paired homolog, Drosophila); ZIC1; zinc finger protein of the cerebellum 1; zinc finger protein ZIC 1; ZNF201
Subcellular Location:	Nucleus. Cytoplasm. Localizes in the cytoplasm in presence of MDFIC overexpression.
Tissue Specificity:	CNS. A high level expression is seen in the cerebellum. Detected in the nuclei of the cerebellar granule cell lineage from the progenitor cells of the external germinal layer to the postmigrated cells of the internal granular layer. Detected in medulloblastoma (26/29 cases), but not present in all other tumors examined.
Similarity:	The C2H2-type 3, 4 and 5 zinc finger domains are necessary for transcription activation.Belongs to the GLI C2H2-type zinc-finger protein family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis on Jurkat cell lysate using ZIC1/2/3 Ab,The lane on the left is treated with the antigen-specific peptide.



AF0340 at 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

AF0340 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.