

CC2D1A antibody

Product Information

Catalog No.:	FNab01335
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Transcription factor that binds specifically to the DRE(dual repressor element) and represses HTR1A gene transcription in neuronal cells. The combination of calcium and ATP specifically inactivates the binding with FRE. May play a role in the altered regulation of HTR1A associated with anxiety and major depression. Mediates HDAC-independent repression of HTR1A promoter in neuronal cell. Performs essential function in controlling functional maturation of synapses(By similarity). Plays distinct roles depending on its localization. When cytoplasmic, acts as a scaffold protein in the PI3K/PDK1/AKT pathway. Repressor of HTR1A when nuclear. In the centrosome, regulates spindle pole localization of the cohesin subunit SCC1/RAD21, thereby mediating centriole cohesion during mitosis.

Immunogen information

Immunogen:	coiled-coil and C2 domain containing 1A
Synonyms:	Coiled-coil and C2 domain-containing protein 1A Akt kinase-interacting protein 1 Five prime repressor element under dual repression-binding protein 1 (FRE under dual repression-binding protein 1, Freud-1) Putative NF-kappa-B-activating protein 023N CC2D1A AKI1
Observed MW:	130 kDa, 104 kDa
Uniprot ID :	Q6P1N0

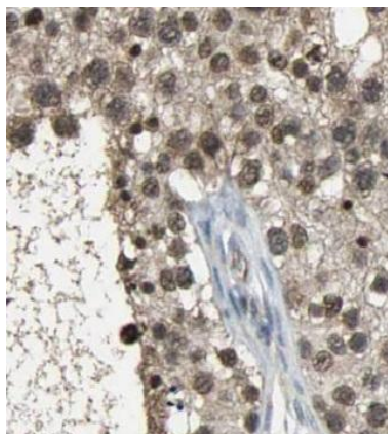
Application

Reactivity: Human, Mouse, Rat

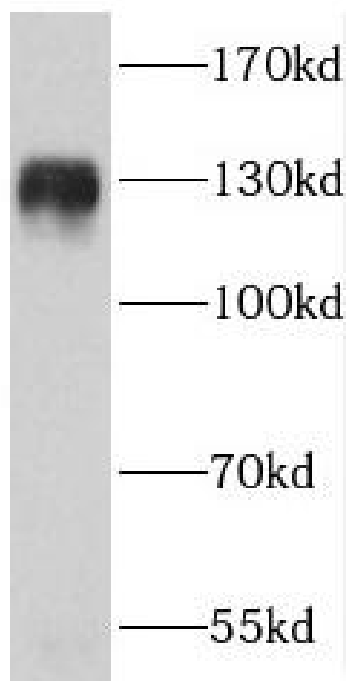
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis using FNab01335(CC2D1A antibody) at dilution of 1:100



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab01335(CC2D1A antibody) at dilution of 1:1000