

ZNF238 Polyclonal Antibody

Catalog number: 12714-1-AP

Size: 81 µg/150 µl

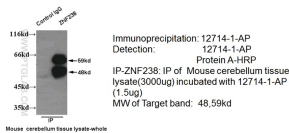
Source: Rabbit

Isotype: IgG

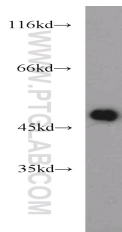
Synonyms:

ZNF238; 58 kDa repressor protein, C2H2 171, RP58, TAZ 1, TAZ1, Transcriptional repressor RP58, ZBTB18, ZFP238, zinc finger protein 238, Zinc finger protein C2H2 171, ZNF238

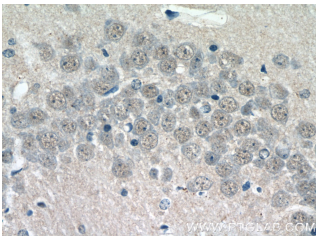
IP & WB of 12714-1-AP with Mouse cerebellum tissue



IP result of anti-ZNF238 (12714-1-AP for IP and Detection) with mouse cerebellum tissue.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 12714-1-AP(ZNF238 antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using 12714-1-AP(ZNF238 Antibody) at dilution of 1:50 (under 40x lens)

Background

ZNF238 is a member of the BTB/POZ-ZF protein family, which involve in development and cancer formation, for example BCL-6, PLZF, and HIC-1. It's a transcriptional repressor involve in myogenesis and brain development. By directly repressing the expression of two skeletal myogenesis inhibitors, ID2 and ID3, ZNF238 plays a key role in myogenesis. It can control cell division of progenitor cells and regulating the survival of postmitotic cortical neurons. Besides, ZNF238 involves in the organization of nuclear chromosomes, for its specific binding to the consensus DNA sequence that contains the E box core, and recruiting chromatin remodeling multiprotein complex. ZNF238 proteins has apparent molecular masses of 60 and 48 kD. Specific binding is found for a 60-kDa band which corresponds to the full length of RP58 protein. In addition, a 48-kDa band, thought to be the truncated form 2 is detected (PMID: 9756912).

Applications

Tested applications:	ELISA, WB, IP, IHC
Cited applications:	IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated ZNF238 MW:	531aa, 59 kDa
Observed ZNF238 MW:	48 kDa
Positive WB detected in	Mouse brain tissue, mouse heart tissue, mouse kidney tissue
Positive IP detected in	Mouse cerebellum tissue
Positive IHC detected in	Mouse brain tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3406
GenBank accession number:	BC036677
Gene ID (NCBI):	10472
Full name:	Zinc finger protein 238

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.