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Datasheet for ABIN7120963 anti-ZNF238 antibody

Overview

Quantity:	100 µg
Target:	ZNF238
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF238 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	zinc finger protein 238
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ZNF238
Alternative Name:	ZNF238 (ZNF238 Products)
Background:	Synonyms: 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 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

Target Details

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).

Molecular Weight:	48 kDa
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UniProt:	Q99592
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Application Details

Application Notes:	WB: 1:500-1:5000, IP: 1:500-1:5000, IHC: 1:20-1:200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
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Expiry Date:	12 months
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