

Datasheet for ABIN7140239
anti-Znf423 antibody (AA 39-57)



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2 Images

Overview

Quantity:	100 µL
Target:	Znf423
Binding Specificity:	AA 39-57
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Znf423 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence from Human Zinc finger protein 423 protein (39-57AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Znf423
Alternative Name:	ZNF423 (Znf423 Products)
Background:	Background: Transcription factor that can both act as an activator or a repressor depending on the context. Plays a central role in BMP signaling and olfactory neurogenesis. Associates with

Target Details

SMADs in response to BMP2 leading to activate transcription of BMP target genes. Acts as a transcriptional repressor via its interaction with EBF1, a transcription factor involved in terminal olfactory receptor neurons differentiation, this interaction preventing EBF1 to bind DNA and activate olfactory-specific genes. Involved in olfactory neurogenesis by participating in a developmental switch that regulates the transition from differentiation to maturation in olfactory receptor neurons. Controls proliferation and differentiation of neural precursors in cerebellar vermis formation.

Aliases: Early B cell factor associated zinc finger protein antibody, Ebfaz antibody, hOAZ antibody, JBTS19 antibody, KIAA0760 antibody, NPHP14 antibody, Nur12 antibody, OAZ antibody, OLF 1/EBF associated zinc finger antibody, OLF1/EBF associated zinc finger protein antibody, Olf1/EBF-associated zinc finger protein antibody, Roaz antibody, Smad and Olf interacting zinc finger protein antibody, Smad- and Olf-interacting zinc finger protein antibody, Zfp104 antibody, ZFP423 antibody, zinc finger protein 423, mouse, homolog of antibody, Zinc finger protein 423 antibody, ZN423_HUMAN antibody, ZNF423 antibody, ZNF423 zinc finger protein 423 antibody

UniProt: [Q2M1K9](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

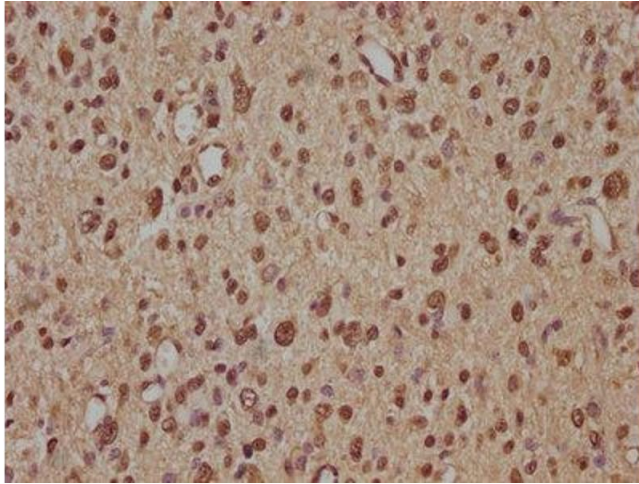
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

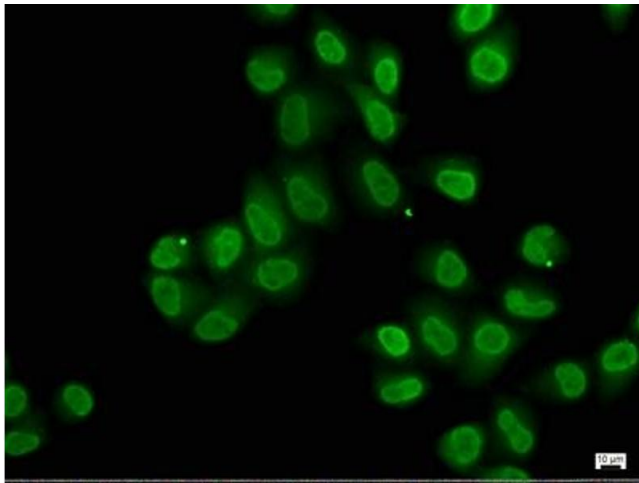
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7140239 diluted at 1:100 and staining in paraffin-embedded human glioma performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HeLa cells with ABIN7140239 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).