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Datasheet for ABIN6982940

anti-Znf423 antibody (AA 191-290) (Biotin)

Overview

Quantity:	100 µL
Target:	Znf423
Binding Specificity:	AA 191-290
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Znf423 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZNF423
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Znf423
Alternative Name:	ZNF423 (Znf423 Products)
Background:	Synonyms: Early B cell factor associated zinc finger protein, Ebfaz, hOAZ, Nur12, OAZ, OLF

Target Details

1/EBF associated zinc finger, OLF1/EBF associated zinc finger protein, Olf1/EBF-associated zinc finger protein, Roaz, Smad and Olf interacting zinc finger protein, Smad- and Olf-interacting zinc finger protein, Zfp104, ZFP423, zinc finger protein 423, mouse, homolog of, Zinc finger protein 423, ZN423_HUMAN, ZNF423, ZNF423 zinc finger protein 423.

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 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.

Gene ID: 23090

UniProt: [Q2M1K9](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C for 12 months.

Handling

Expiry Date: 12 months