

Datasheet for ABIN1385826
anti-Znf423 antibody (AA 901-1000)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Znf423
Binding Specificity:	AA 901-1000
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Znf423 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZNF423/OAZ
Isotype:	IgG
Specificity:	This antibody may also detect the protein Midasin if used in Human.
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Chicken,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	Znf423
Alternative Name:	ZNF423/OAZ (Znf423 Products)
Background:	<p>Synonyms: OAZ, Roaz, hOAZ, Ebfaz, JBTS19, NPHP14, ZFP423, Zfp104, Zinc finger protein 423, Olf1/EBF-associated zinc finger protein, Smad- and Olf-interacting zinc finger protein, ZNF423, KIAA0760</p> <p>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.</p>
Gene ID:	23090
UniProt:	Q2M1K9

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

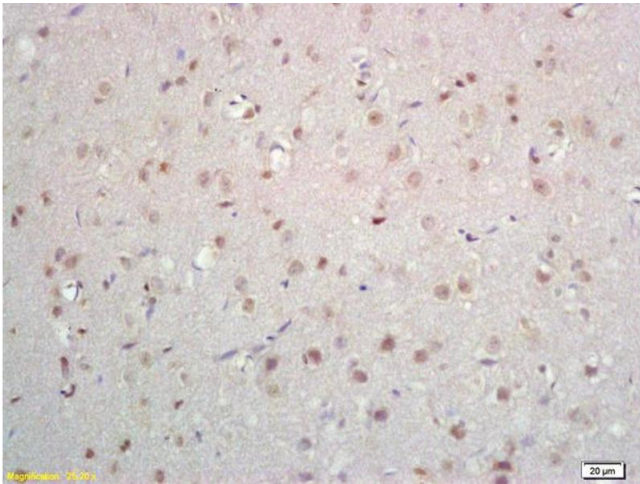
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-ZNF423/OAZ Polyclonal Antibody, Unconjugated (ABIN1385826) at 1:200 followed by conjugation to the secondary antibody and DAB staining