

DATASHEET

ZNF423 Rabbit Polyclonal Antibody

CAT. NO. APA17375

KEY FEATURES

Target	ZNF423	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

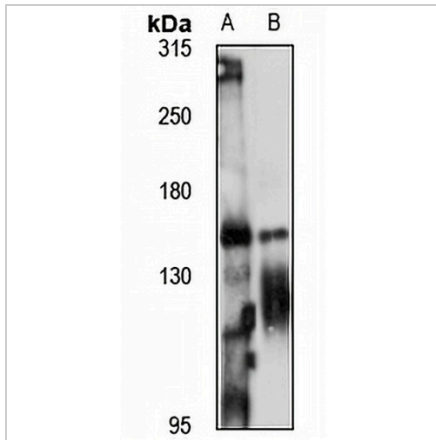
Description	Rabbit polyclonal antibody to ZNF423
Specificity	Recognizes endogenous levels of ZNF423 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ZNF423. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 137; Observed: 144 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA0760; NPHP14; OAZ; Zinc finger protein 423; Olf1/EBF-associated zinc finger protein; hOAZ; Smad-and Olf-interacting zinc finger protein
Gene Symbol	ZNF423
Entrez Gene	23090(Human); 94187(Mouse); 94188(Rat)
SwissProt	Q2M1K9(Human); Q80TS5(Mouse); O08961(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arex.bio or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**ZNF423 Rabbit Polyclonal Antibody**

CAT. NO. APA17375

DATA

Western blot analysis of ZNF423 expression in mouse eye (A), rat eye (B) whole cell lysates. (Predicted band size: 137; 144 kD; Observed band size: 144 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.