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ZNF431 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58380

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8TF32
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67217
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF431
Epitope Specificity	371-470/576
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus
SIMILARITY	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 13 C2H2-type zinc fingers. Contains 1 KRAB domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ZNF431 belongs to the krueppel C2H2-type zinc-finger protein family and is probably involved in transcriptional regulation.

Additional Information

Gene ID	170959
Other Names	Zinc finger protein 431, ZNF431, KIAA1969
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ZNF431

Synonyms	KIAA1969
Function	Sequence-specific DNA binding transcriptional repressor. Represses target gene transcription by recruiting HDAC1 and HDAC2 histone deacetylases. Acts as a specific transcriptional repressor for PTCH1 during embryonic development. Required for osteoblast differentiation and sonic hedgehog/SHH signaling response. Binds to the consensus site 5'-GCGCCC-3' in the promoter of PTCH1 (By similarity).
Cellular Location	Nucleus.