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ZNF568 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54781

Specification

ZNF568 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q3ZCX4
Reactivity	**Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**44 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from Human ZNF568**
Epitope Specificity	**451-560/644**
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	**Nuclear.**
SIMILARITY	**Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 15 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
Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. Zinc finger protein 568 (ZNF568) is a 644 amino acid member of the Krüppel C2H2-type zinc-finger protein family. Localized to the nucleus, ZNF568 contains fifteen C2H2-type zinc fingers and one KRAB domain through which it is thought to be involved in DNA-binding and transcriptional regulation. Two isoforms of ZNF568 exist as a result of alternative splicing events.

ZNF568 Polyclonal Antibody - Additional Information

Gene ID 374900

Other Names
Zinc finger protein 568, ZNF568

Dilution
WB~~1:1000<br \><span class

="dilution_IHC-P">IHC-P~~N/A<br \><span class
="dilution_IHC-F">IHC-F~~N/A<br \><span class
="dilution_IF">IF~~1:50~200<br \>ICC~~N/A<br
\>E~~N/A

Storage
Store at -20 ℃ 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 ℃.

ZNF568 Polyclonal Antibody - Protein Information

Name ZNF568

Function
Has transcriptional repression activity, partially through the recruitment of the corepressor TRIM28 but also has repression activity independently of this interaction. Essential during embryonic development, where it acts as a direct repressor of a placental- specific transcript of IGF2 in early development and regulates convergent extension movements required for axis elongation and tissue morphogenesis in all germ layers. Also important for normal morphogenesis of extraembryonic tissues including the yolk sac, extraembryonic mesoderm and placenta. May enhance proliferation or maintenance of neural stem cells.

Cellular Location
Nucleus {ECO:0000250|UniProtKB:E9PYI1}.

ZNF568 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZNF568 Polyclonal Antibody - Images