10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ZNF300 Rabbit pAb

Catalog # AP96208

Product Information

Application	WB
Primary Accession	Q96RE9
Other Accession	Q96RE9
Reactivity	Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68743
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF300
Epitope Specificity	165-250/604
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 12 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	ZNF300 contains C2H2 (or Kruppel)-type zinc finger motifs that tetrahedrally coordinate zinc ions and form a protein structure that can bind DNA and regulate transcription (Gou et al.,2004 [PubMed 14746915]). ZNF300 belongs to the krueppel C2H2 type zinc finger protein family. It contains twelve C2H2 type zinc fingers and one KRAB domain. ZNF300 has a transcriptional repressor activity. Expressed mostly in heart, skeletal muscle and brain. Isoforms 1 and 2 are highly expressed in testis. There are three named isoforms.

Additional Information

Gene ID	91975
Other Names	ZN300_HUMAN; ZNF300; zinc finger protein 300
Target/Specificity	Expressed mostly in heart, skeletal muscle and brain. Isoform 1 and isoform 2 are highly expressed in testis.
Dilution	WB=1:500-2000
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	ZNF300
Function	Has a transcriptional repressor activity.
Cellular Location	Nucleus
Tissue Location	Expressed mostly in heart, skeletal muscle and brain. Isoform 1 and isoform 2 are highly expressed in testis

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.