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ZNF693 Rabbit pAb

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Catalog # AP58297

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q86V15
Reactivity	Rat, Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	190069
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF693/CASZ1
Epitope Specificity	851-950/1759
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a zinc finger transcription factor. The encoded protein may function as a tumor suppressor, and single nucleotide polymorphisms in this gene are associated with blood pressure variation. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012].

Additional Information

Gene ID	54897
Other Names	Zinc finger protein castor homolog 1, Castor-related protein, Putative survival-related protein, Zinc finger protein 693, CASZ1, CST, SRG, ZNF693
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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

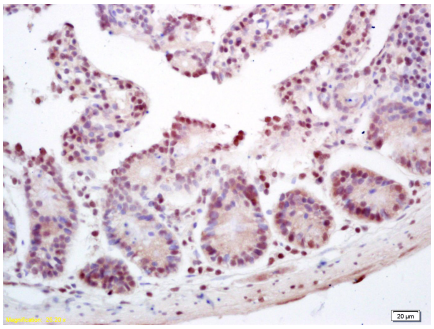
Name	CASZ1

Synonyms	CST, SRG, ZNF693
Function	Transcriptional activator (PubMed: 23639441, PubMed:27693370). Involved in vascular assembly and morphogenesis through direct transcriptional regulation of EGFL7 (PubMed:23639441).
Cellular Location	Nucleus.
Tissue Location	Expressed in heart, lung, skeletal muscle, pancreas, testis, small intestine, and stomach, but it is not detectable in the adult brain.

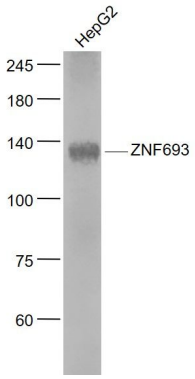
Background

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Images



Tissue/cell: mouse intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-ZNF693/CASZ1 Polyclonal Antibody, Unconjugated(AP58297) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Sample:
HepG2(Human) Cell Lysate at 30 ug
Primary: Anti- ZNF693 (AP58297) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 190 kD
Observed band size: 125 kD

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