

## **ZNF693 Polyclonal Antibody**

**Purified Rabbit Polyclonal Antibody (Pab)** Catalog # AP58297

## **Specification**

## **ZNF693 Polyclonal Antibody - Product Information**

WB, IHC-P, IHC-F, IF, E Application

**Primary Accession** 086V15 Reactivity Rat Host Rabbit Clonality **Polyclonal** Calculated MW 190 KDa **Physical State** Liquid

Immunogen KLH conjugated synthetic peptide derived

from human ZNF693/CASZ1

851-950/1759 **Epitope Specificity** 

Isotype laG **Purity** 

affinity purified by Protein A

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Nucleus.

**SIMILARITY** Contains 8 C2H2-type zinc fingers. 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 RefSeg, Jul 2012].

## **ZNF693 Polyclonal Antibody - Additional Information**

# **Gene ID 54897**

Buffer

# **Other Names**

Zinc finger protein castor homolog 1, Castor-related protein, Putative survival-related protein, Zinc finger protein 693, CASZ1, CST, SRG, ZNF693

# Target/Specificity

Expressed in heart, lung, skeletal muscle, pancreas, testis, small intestine, and stomach, but it is not detectable in the adult brain.

#### **Dilution**

<span class ="dilution WB">WB~~1:1000</span><br \><span class</pre>

="dilution IHC-P">IHC-P~~N/A</span><br \><span class

="dilution IHC-F">IHC-F~~N/A</span><br \><span class



="dilution IF">IF $\sim$ 1:50 $\sim$ 200</span><br/>span class ="dilution E">E $\sim$ N/A</span>

### **Storage**

Store at -20  $^{\circ}$ 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  $^{\circ}$ C.

# **ZNF693 Polyclonal Antibody - Protein Information**

Name CASZ1

Synonyms CST, SRG, ZNF693

### **Function**

Transcriptional activator (PubMed:<a href="http://www.uniprot.org/citations/23639441" target="\_blank">23639441</a>, PubMed:<a href="http://www.uniprot.org/citations/27693370" target="\_blank">27693370</a>). Involved in vascular assembly and morphogenesis through direct transcriptional regulation of EGFL7 (PubMed:<a href="http://www.uniprot.org/citations/23639441" target=" blank">23639441</a>).

#### **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.

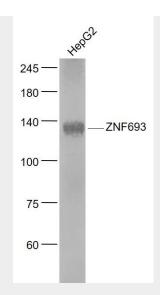
### **ZNF693 Polyclonal Antibody - Protocols**

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

# **ZNF693 Polyclonal Antibody - Images**





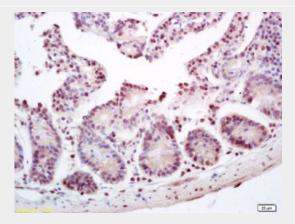
Sample:

HepG2(Human) Cell Lysate at 30 ug

Primary: Anti- ZNF693 (bs-5716R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

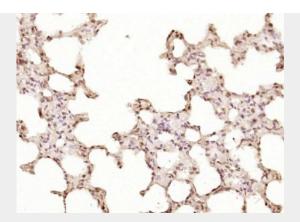
Predicted band size: 190 kD Observed band size: 125 kD



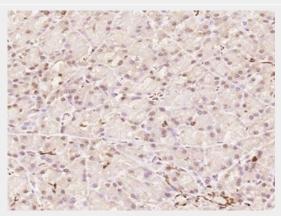
Tissue/cell: mouse intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-ZNF693/CASZ1 Polyclonal Antibody, Unconjugated(bs-5716R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

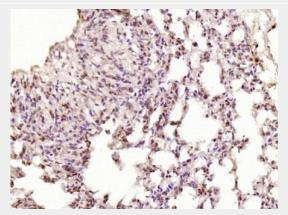




Paraformaldehyde-fixed, paraffin embedded (rat lung); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZNF693) Polyclonal Antibody, Unconjugated (bs-5716R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZNF693) Polyclonal Antibody, Unconjugated (bs-5716R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse lung); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZNF693) Polyclonal Antibody, Unconjugated (bs-5716R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.