

Rabbit anti-Human, mouse CASZ1 Polyclonal Antibody | anti-CASZ1 antibody

CASZ1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284300	Rabbit	Human, mouse	ELISA, Western Blot

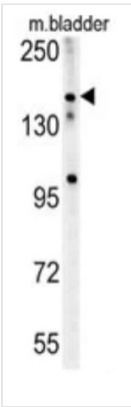
PRODUCT SYNONYMS

CASZ1; Polyclonal Antibody; CASZ1 Antibody (C-term); Zinc finger protein castor homolog 1; Castor-related protein; Putative survival-related protein; Zinc finger protein 693; CST; SRG; ZNF693; anti-CASZ1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This CASZ1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1574-1601 amino acids from the C-terminal region of human CASZ1.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	1574-1601
Sequence Length	1,166
Applicable Applications for anti-CASZ1 antibody	ELISA, WB (Western Blot)
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.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
CASZ1 Antibody (C-term) western blot analysis in mouse bladder tissue lysates (15ug/lane). This demonstrates the CASZ1 antibody detected CASZ1 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-CASZ1 antibody	Cancer
References	Takeuchi, F., et al. Circulation 121(21):2302-2309(2010) Levy, D., et al. Nat. Genet. (2009) In press : Fernandez, F., et al. BMC Med. Genet. 8, 57 (2007) : Liu, Z., et al. Biochem. Biophys. Res. Commun. 344(3):834-844(2006) Yuan, Z.R., et al. Cancer Res. 65(23):10716-10724(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119709834
NCBI GeneID	54897
NCBI Accession #	NP_001073312.1; NP_060236.3
NCBI GenBank Nucleotide #	NM_001079843.2
UniProt Accession #	Q86V15; Q078S9; Q2EN02; Q5T9S1; Q6ZNM8; Q8WX49; Q8WX50; Q9BT16; Q9NXC6
Molecular Weight	190069
NCBI Official Full Name	zinc finger protein castor homolog 1 isoform a
NCBI Official Synonym Full Names	castor zinc finger 1
NCBI Official Symbol	CASZ1
NCBI Official Synonym Symbols	CST; SRG; CAS11; ZNF693; dJ734G22.1
NCBI Protein Information	zinc finger protein castor homolog 1
UniProt Protein Name	Zinc finger protein castor homolog 1
UniProt Gene Name	CASZ1
UniProt Synonym Gene Names	CST; SRG; ZNF693
UniProt Entry Name	CASZ1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

