

Rabbit CASZ1 Polyclonal Antibody | anti-CASZ1 antibody

Rabbit Polyclonal to Human CASZ1

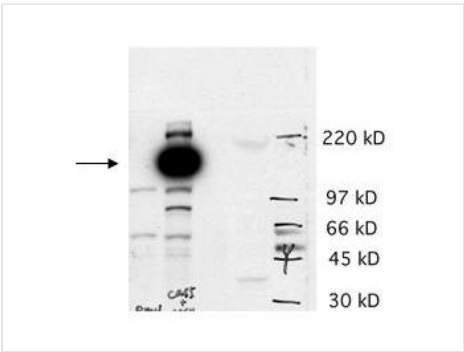
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50935	Rabbit	Bovine, Chimpanzee, Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CASZ1; Polyclonal Antibody; Rabbit Polyclonal to Human CASZ1; Anti-CASZ1 Antibody (N-Terminus) IHC-plus; Castor-related protein; CAS11; Castor; Castor homolog 1; zinc finger; CST; DJ734G22.1; Zinc finger protein 693; SRG; ZNF693; Castor zinc finger 1; Survival-related; Human CASZ1; anti-CASZ1 antibody

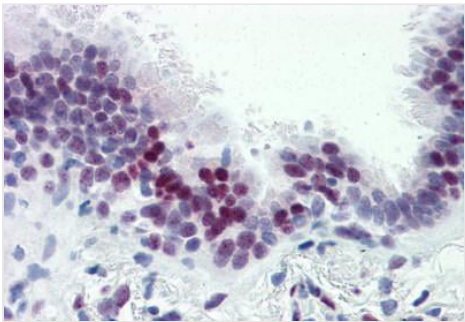
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Chimpanzee, Human, Mouse, Rat
Clonality	Polyclonal
Specificity	human Cas5 protein. A BLAST analysis was used to suggest cross reactivity with Cas5 from mouse, chimpanzee, bovine, and rat based on 100% homology with the immunizing sequence. Expect cross reactivity with multiple isoforms of this protein. Cross reactivity with Cas5 from other sources has not been determined.
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1166
Applicable Applications for anti-CASZ1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide corresponding to region near the amino terminal end of human Cas5 protein according to accession number CAI22571.
Immunogen Type	Synthetic peptide
Immunogen	CASZ1 antibody was raised against synthetic peptide corresponding to region near the amino terminal end of human Cas5 protein according to accession number CAI22571.
Antigen Modification	N-Terminus
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.



WB (Western Blot)

Anti-hCas5 Antibody - Western Blot. Western blot of affinity purified anti-hCas5 antibody shows detection of a band ~125 kD in size corresponding to hCas5 (arrowhead). Lane 1 contains a lysate from AS cells transfected with empty vector. Lane 2 contains lysate from AS cells transfected with hCas5 (predicted MW 125 kD). Lane 3 contains lysate from BE2 cells that have been shown to contain a high level of hCas mRNA (as tested by Northern blot). Lane 4 contains lysate from human muscle tissue that also shows high levels of hCas mRNA. Specific band reactivity is effectively competed when the antibody is pre-incubated with the immunizing peptide (data not shown). Personal Communication. Carol Thiele, NCI, Bethesda, MD.



IHC (Immunohistochemistry)

Anti-CASZ1 antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119709822
NCBI GeneID	54897
NCBI Accession #	NP_060236.3
NCBI GenBank Nucleotide #	NM_017766.4
UniProt Accession #	Q86V15; Q078S9; Q2EN02; Q5T9S1; Q6ZNM8; Q8WX49; Q8WX50; Q9BT16; Q9NXC6
Molecular Weight	124,788 Da
NCBI Official Full Name	zinc finger protein castor homolog 1 isoform b
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; survival-related; castor-related protein; zinc finger protein 693; castor homolog 1, zinc finger
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.