

## Polyclonal Antibody to CASZ1 - Aff - Purified

<b>Alternate names:</b>	CST, Castor-related protein, Putative survival-related protein, SRG, ZNF693, Zinc finger protein 693, Zinc finger protein castor homolog 1
<b>Catalog No.:</b>	AP09422PU-S
<b>Quantity:</b>	25 µl
<b>Concentration:</b>	1.09 mg/mL by UV absorbance at 280 nm
<b>Background:</b>	The human castor zinc finger 1 gene (CASZ1) regulates the production of the castor transcription factor, having increased expression when cells of neural and mesenchymal origin are induced to differentiation. CASZ1 is expressed in a number of human tumors and it localizes to a genomic region frequently lost in tumors of neuroectodermal origin. The CASZ1 gene generates 2 mRNA isoforms hCASZ5 and hCASZ11 that could encode proteins containing 5 or 11 zinc finger motifs, respectively. The proteins may be especially labile. Expect a band at 125 kDa for hCASZ5 and 190 kDa for hCASZ11 in fresh lysates.
<b>Uniprot ID:</b>	<a href="#">Q86V15</a>
<b>NCBI:</b>	<a href="#">NP_001073312.1</a>
<b>GeneID:</b>	<a href="#">54897</a>
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Synthetic peptide corresponding to an internal region of Human Casz1 protein
<b>Format:</b>	<b>State:</b> Liquid (sterile filtered) <b>Buffer System:</b> 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide
<b>Applications:</b>	ELISA: 1/45000. Western Blot: 1/1000 - 1/5000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to CASZ1. <b>Species:</b> Human, Mouse, Drosophila, Chimpanzee, Macaque. Other species not tested.
<b>Storage:</b>	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Liu Z, Yang X, Tan F, Cullion K, Thiele CJ. Molecular cloning and characterization of human Castor, a novel human gene upregulated during cell differentiation. Biochem Biophys Res Commun. 2006 Jun 9;344(3):834-44. Epub 2006 Apr 19. PubMed PMID: 16631614.

Pictures:

WB using anti-hCASZ1 antibody. This blot shows detection of endogenous and transfected human CASZ1 protein in fresh whole cell lysate (~30 µg). The primary antibody diluted to 1:1,000, incubated 1.5 hours at room temperature, and incubated with HRP-conjugated Goat Anti-Rabbit antibody for 45 min. at room temperature. Lane 1, BE2(s) cell lysate. Lane 2, BE2(N) cell lysate. Lane 3, SY5Y transfected with hCASZ5 (125kDa). Lane 4, SY5Y transfected with hCASZ11 (190kDa).

