

Product Datasheet

CASZ1 Antibody - BSA Free

NBP1-77942

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-77942

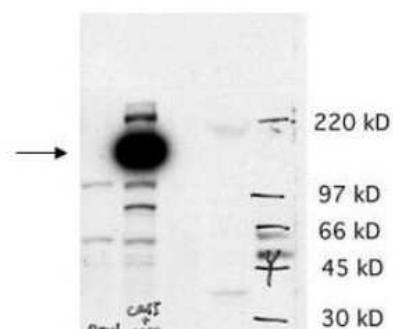
CASZ1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This affinity-purified antibody is directed against human CASZ1 protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	54897
Gene Symbol	CASZ1
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest cross reactivity with CASZ1 from human, 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 CASZ1 from other sources has not been determined.
Specificity/Sensitivity	Expect cross reactivity with multiple isoforms of this protein.
Immunogen	This affinity purified CASZ1 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to region near the amino terminal end of human CASZ1 protein. (Uniprot: B3KRV8)
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000-1:50000
Application Notes	This affinity-purified antibody has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. By western blot, a band approximately 125 kDa in size corresponding to hCas5 protein is expected in the appropriate cell lysate or extract.

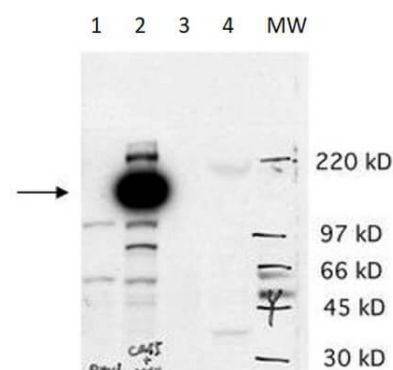


Images

Western Blot: MAGP-2/MFAP5 Antibody [NBP1-77942] - Shows detection of a band ~125 kDa 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 kDa). 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.



Western blot using affinity purified anti-hCas5 antibody. Lane 1: AS cell lysate transfected with empty vector. Lane 2: AS cell lysate transfected with hCas5 (predicted MW 125kDa). Lane 3: BE2 cell lysate that have been shown to contain a high level of hCas mRNA (as tested by Northern blot). Lane 4: human muscle tissue lysate that shows high levels of hCas mRNA. Shows detection of a band ~125kDa in size corresponding to hCas5 in lane 2 (arrowhead). 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.





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Products Related to NBP1-77942

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-86617PEP	CASZ1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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