

Rabbit anti-Human CASA Polyclonal Antibody | anti-CSN1S1 antibody

CASA Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287002	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CASA; Polyclonal Antibody; CASA Antibody (Center); Alpha-S1-casein; Casoxin-D; CSN1S1; CSN1; anti-CSN1S1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CASA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 42-70 amino acids from the Central region of human CASA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	42-70
Sequence Length	176
Applicable Applications for anti-CSN1S1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

CASA Antibody (Center) FC analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

CASA Antibody (Center) (RB18742) IHC analysis in formalin fixed and paraffin embedded human breast carcinoma tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CASA Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of CASA antibody (Center) in Jurkat cell line lysates (35ug/lane). CASA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CSN1S1 antibody	CASA play an important role in the capacity of milk to transport calcium phosphate. Casoxin D acts as opioid antagonist and has vasorelaxing activity mediated by bradykinin B1 receptors.
Product Categories/Family for anti-CSN1S1 antibody	Cell Biology
References	Xu,K., Prostate Cancer Prostatic Dis. 9 (3), 293-297 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	68303569
NCBI GeneID	1446
NCBI Accession #	NP_001020275.1 ; NP_001881.1
NCBI GenBank Nucleotide #	NM_001025104.1
UniProt Accession #	P47710 ; Q4PNR5 ; A1A510 ; A1A511 ; E9PB60
Molecular Weight	21671
NCBI Official Full Name	alpha-S1-casein isoform 2
NCBI Official Synonym Full Names	casein alpha s1
NCBI Official Symbol	CSN1S1
NCBI Official Synonym Symbols	CASA; CSN1
NCBI Protein Information	alpha-S1-casein
UniProt Protein Name	Alpha-S1-casein
UniProt Gene Name	CSN1S1
UniProt Synonym Gene Names	CASA; CSN1
UniProt Entry Name	CASA1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/casa-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287002>