

Rabbit anti-Mouse Casein (kappa) Polyclonal Antibody | anti-Casein (kappa) antibody

Rabbit anti Casein kappa Polyclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71432	Rabbit	Mouse	Immunoprecipitation, ELISA, Western Blot

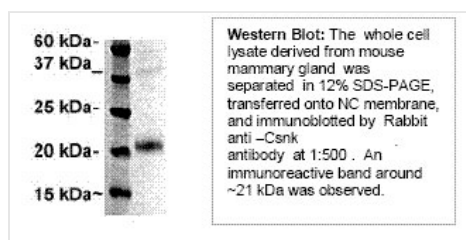
PRODUCT SYNONYMS

Casein (kappa); Polyclonal Antibody; Rabbit anti Casein kappa Polyclonal antibody; Rabbit anti-Csnk; Casein; Casein Kappa; Csnk; CSN10; CSN3.; anti-Casein (kappa) antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	This antibody recognizes ~21 kDa of mouse Casein protein. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile phosphate-buffered saline (pH7.2) containing antibody stabilizer
Applicable Applications for anti-Casein (kappa) antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Antigen Preparation	A synthetic peptide corresponding to the N-terminus of mouse Casein protein.
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2-8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-Casein (kappa) antibody	Casein is the predominant phosphoprotein which has no disulphide bridges but rich in proline. It is found in fresh milk, as a salt of calcium. Casein is not coagulated by heat. It is precipitated by acids and by rennet, a proteolytic enzyme typically obtained from the stomachs of calves. The enzyme trypsin can hydrolyze off a phosphate-containing peptone. This protein is synthesized by mammary epithelium only in the presence of lactogenic hormone combination of insulin, hydrocortisone, and prolactin. Enhancement of the rate of secretion of newly-synthesised caseins occurs when mammary explants are challenged in vitro with agents that activate protein kinase A (PKA). The PKA-sensitive step (s) in casein secretion is early in the exocytosis pathway but inhibition of PKA does not impair casein maturation. PKA is located on membranes of vesicles situated in the Golgi region. Casein positive cells are present in all breast carcinomas with a variable distribution and degree of staining. Casein serves as an in vitro marker of terminally differentiated breast luminal epithelial cells.
References	P. Chandra Shekar et al. ?-Casein-deficient mice fail to lactate. PNAS 2006 May 23, 103 (21): 8000-8005

NCBI AND UNIPROT INFORMATION

Molecular Weight	21.0
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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/casein-kappa-antibody-immunoprecipitation-western-blot-elisa/71432>