



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP59177_P050-HRP
Product Page	www.avivasysbio.com/cstb-antibody-n-terminal-region-hrp-arp59177-p050-hrp.html
Name	CSTB Antibody - N-terminal region : HRP (ARP59177_P050-HRP)
Protein Size (# AA)	98 amino acids
Molecular Weight	11kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	1476
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Cystatin B (stefin B)
Alias Symbols	PME, ULD, CST6, EPM1, STFB, CPI-B, EPM1A
Peptide Sequence	Synthetic peptide located within the following region: ADQVRSQLEEKENKKFPVFKAVSEKSSQVVAGTNYFIKVVHVGDEDFVHLRV
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	CSTB is a stefin that functions as an intracellular thiol protease inhibitor. The protein is able to form a dimer stabilized by noncovalent forces, inhibiting papain and cathepsins L, H and B. The protein is thought to play a role in protecting against the proteases leaking from lysosomes. Evidence indicates that mutations in CSTB gene are responsible for the primary defects in patients with progressive myoclonic epilepsy a stefin that functions as an intracellular thiol protease inhibitor. The protein is able to form a dimer stabilized by noncovalent forces, inhibiting papain and cathepsins L, H and B. The protein is thought to play a role in protecting against the proteases leaking from lysosomes. Evidence indicates that mutations in this gene are responsible for the primary defects in patients with progressive myoclonic epilepsy.
Protein Interactions	UBC; SARNP; DPP7; BAG3; CFTR; ECT2; SEC24A; NUDC; MAT2A; FLNB; DCUN1D1; CUL3; RAD21; SPRY2; CTSL; CTSD; CTSH; CTSB; CST3; VHL;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-CSTB (ARP59177_P050-HRP) antibody
Blocking Peptide	For anti-CSTB (ARP59177_P050-HRP) antibody is Catalog# AAP59177 (Previous Catalog# AAPP45145)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CSTB
Uniprot ID	P04080
Protein Name	Cystatin-B
Protein Accession #	NP_000091
Purification	Affinity Purified
Nucleotide Accession #	NM_000100
Gene Symbol	CSTB
Predicted Species Reactivity	Human, Rat, Cow, Horse, Pig, Sheep
Application	WB, IHC
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Horse: 93%; Human: 100%; Pig: 92%; Rat: 75%; Sheep: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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