Human Cystatin SN Biotinylated Antibody

Antigen Affinity-purified Polyclonal Goat IgG

Catalog Number: BAF1285

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Cystatin SN in Western blots. In Western blots, approximately 30% cross-reactivity with recombinant human (rh) Cystatin SA is observed, 15% cross-reactivity with rhCystatin S is observed, 5% cross-reactivity with rhCystatin D is observed, and less than 1% cross-reactivity with rhCystatin A, rhCystatin B, rhCystatin C, rhCystatin E/M, and rhCystatin F is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Cystatin SN Trp21-Ser141 Accession # P01037
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Human Cystatin SN (Catalog # 1285-PI)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Cystatin SN is a member of family 2 of the cystatin superfamily (1). Together with cystatins S and SA, it is produced by the salivary gland and secreted largely in the submandibular/sublingual saliva (2). Cystatin SN inhibits members of the papain family including cathepsins B, C, H and L (3).

References:

1. Abrahamson, M. (1994) Methods Enzymol. **244**:685.
2. Baron, A.C. *et al*. (1999) Oral Dis. **5**:344.
3. Baron, A. *et al*. (1999) Oral Dis. **5**:234.

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