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Datasheet for ABIN1401521 **anti-CST9 antibody (Alexa Fluor 555)**

Overview

Quantity:	100 µL
Target:	CST9
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CST9 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CST9/Cystatin 9
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	CST9
Alternative Name:	CST9 (CST9 Products)
Background:	<p>Synonyms: M12, CLM, Cresp, Cst9, CST9_HUMAN, Cystatin 9 testatin, Cystatin like molecule, Cystatin-9, Cystatin-like molecule, Testatin.</p> <p>Background: The cystatin superfamily is a well-established family of cysteine protease inhibitors. All true cystatins inhibit cysteine peptidases of the papain family, such as cathepsins,</p>

Target Details

while some also inhibit legumain family enzymes. The CRES (cystatin-related epididymal spermatogenic) protein defines a new subgroup in the family 2 cystatins of the cystatin superfamily. CRES proteins lack two of the three consensus sites necessary for the cystatin inhibition of C1 cysteine proteases. Due to their expression patterns, it is likely that CRES proteins may perform unique and tissue-specific functions in the reproductive and neuroendocrine systems. As a member of the CRES subfamily, Cystatin 9, also designated CLM, is a 159 amino acid protein that is expressed in heart, placenta, lung, liver, skeletal muscle and pancreas. Cystatin 9 is thought to play a role in hematopoietic differentiation or inflammation. It has also been shown to be upregulated by LPS in some cancer cell lines, such as promyelocytic leukemia (HL-60) and myelomonocytic leukemia.

Gene ID: 128822

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months