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Datasheet for ABIN6991702
anti-STOX1 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	STOX1
Binding Specificity:	AA 870-920, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STOX1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	STOX1 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human STOX1. The immunogen is located within amino acids 870 - 920 of STOX1.
Isotype:	IgG
Specificity:	STOX1 antibody is human reactive. At least three alternatively spliced transcript variants encoding distinct isoforms have been observed. STOX1 antibody recognize the two longest isoforms.
Purification:	STOX1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	STOX1
Alternative Name:	STOX1 (STOX1 Products)

Target Details

Background: STOX1 Antibody: STOX1 (Storkhead box 1), also known as PEE4 or C10orf24, is a winged-helix domain containing transcription factor believed to play a role in the differentiation of stem cells. As a DNA-binding protein, STOX1 exists as three alternatively spliced isoforms, designated A, B and C, all of which localize to either the cytoplasm or the nucleus. Defects in STOX1 are the cause of pre-eclampsia/eclampsia 4 (PEE4), also known as gestational proteinuric hypertension. STOX1 was also found to be functionally involved in late-onset Alzheimer's disease.

Gene ID: 219736

NCBI Accession: [NP_689922](#)

UniProt: [Q6ZVD7](#)

Application Details

Application Notes: STOX1 antibody can be used for detection of STOX1 by Western blot at 1 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: STOX1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

Storage: -20 °C, 4 °C

Storage Comment: STOX1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.