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Datasheet for ABIN6991447
anti-STOX2 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	STOX2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STOX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	STOX2 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human STOX2. The immunogen is located within the last 50 amino acids of STOX2.
Isotype:	IgG
Purification:	STOX2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	STOX2
Alternative Name:	STOX2 (STOX2 Products)
Background:	STOX2 Antibody: The Storkhead box protein 2 (STOX2) is the only known paralog to STOX1, a winged-helix domain containing transcription factor believed to play a role in the differentiation

Target Details

of stem cells. STOX2 has been suggested to be part of a molecular profile unique to stem cells, and its mRNA may be part of a transcriptional profile observed with increased inflammatory response to air pollutants. Decreased STOX2 expression levels in decidua are also correlated with preeclampsia, suggesting STOX2 may play a role in the pathophysiology of preeclampsia.

Gene ID: 56977

NCBI Accession: [NP_064610](#)

UniProt: [Q9P2F5](#)

Application Details

Application Notes: STOX2 antibody can be used for detection of STOX2 by Western blot at 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: STOX2 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: STOX2 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.