

Datasheet for ABIN2776450
anti-CHST4 antibody (Middle Region)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CHST4
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Dog, Mouse, Horse, Rabbit, Guinea Pig, Pig, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CHST4
Sequence:	CSQQPFEEVE KACRSYSHVV LKEVRFFNLQ SLYPLLKDPS LNLHIVHLVR
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 86%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against CHST4. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	CHST4
---------	-------

Target Details

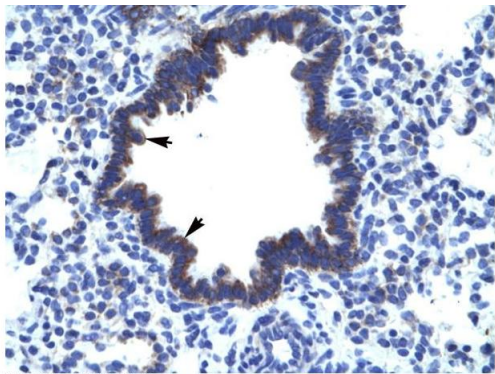
Alternative Name:	CHST4 (CHST4 Products)
Background:	<p>CHST4 encodes a protein involved in enzymatic synthesis in vitro of the disulfated disaccharide unit of corneal keratan sulfate.</p> <p>Alias Symbols: GST3, LSST, GlcNAc6ST2, HECGLCNAC6ST</p> <p>Protein Interaction Partner: DCPS, CD34,</p> <p>Protein Size: 386</p>
Molecular Weight:	45 kDa
Gene ID:	10164
NCBI Accession:	NM_005769 , NP_005760
UniProt:	Q8NCG5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 386 AA
Restrictions:	For Research Use only

Handling

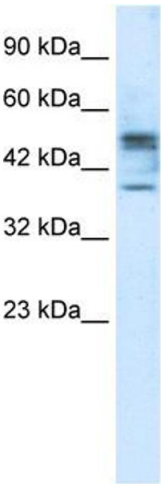
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-CHST4 Antibody
Catalog Number: ARP35787
Lot Number: QC5120
Paraffin Embedded Tissue: Human Lung
Cells with Positive label: Epithelial cells of bronchiole (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 1. Human Lung



Western Blotting

Image 2. WB Suggested Anti-CHST4 Antibody Titration:
1.25ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate