

## HNK-1ST Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04163
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CHST10. AA range:191-240
<b>Mol wt</b>	42207
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	HNK-1ST Antibody
<b>Synonyms</b>	CHST10; Carbohydrate sulfotransferase 10; HNK-1 sulfotransferase; HNK-1ST; HNK1ST; HuHNK-1ST

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Carbohydrate sulfotransferase 10 encoded by CHST10 transfers sulfate to the C-3 hydroxyl of terminal glucuronic acid of protein- and lipid-linked oligosaccharides. This protein was first identified as a sulfotransferase that acts on the human natural killer-1 (HNK-1) glycan; HNK-1 is a carbohydrate involved in neurodevelopment and synaptic plasticity.

### Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

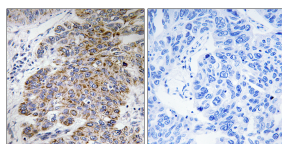
ELISA: 1: 40000

Not yet tested in other applications.

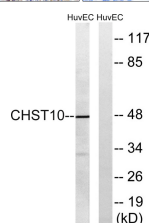
### Images



Western Blot analysis of various cells using HNK-1ST Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CHST10 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using CHST10 Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

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