

# Product Datasheet

## ITIH4 Antibody

**NBP1-78286**

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-78286**

ITIH4 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Target Molecular Weight</b>	103 kDa

**Product Description**

<b>Description</b>	Novus Biologicals Goat ITIH4 Antibody (NBP1-78286) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-ITIH4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	3700
<b>Gene Symbol</b>	ITIH4
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_002209.2; NP_001159921.1).
<b>Immunogen</b>	Peptide with sequence C-SDDGRRRTLKVQGND corresponding to C-Terminus according to NP_002209.2, NP_001159921.1.

**Product Application Details**

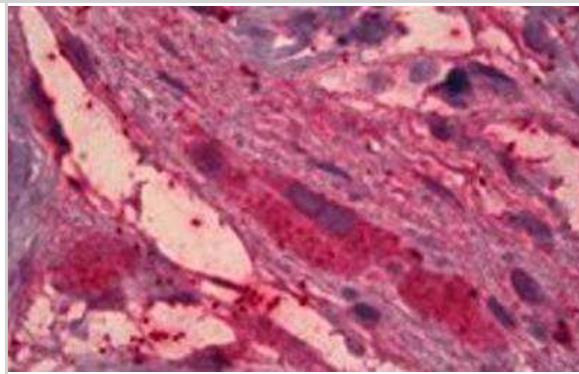
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.03 - 0.1 ug/ml, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:16000
<b>Application Notes</b>	WB: Approx. 150 kDa band observed in human placenta lysates (calculated MW of 103 kDa band according to NP_002209.2). The observed molecular weight corresponds to the glycosylated form.

## Images

Western Blot: ITIH4 Antibody [NBP1-78286] (0.03ug/ml) staining of Human Placenta lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: ITIH4 Antibody [NBP1-78286] - Staining of paraffin embedded Human Testis at dilution of 5ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Tang Y, Kitisin K, Jigunoori W et al. Progenitor/stem cells give rise to liver cancer due to aberrant TGF-beta and IL-6 signaling. Proc Natl Acad Sci U S A 2008-02-01 [PMID: 18263735]



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## Products Related to NBP1-78286

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-81778PEP	ITIH4 Recombinant Protein Antigen

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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