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Datasheet for ABIN3015634  
**anti-IDS antibody (AA 34-290)**

5 Images

Overview

Quantity:	100 µL
Target:	IDS
Binding Specificity:	AA 34-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 34-290 of human IDS (NP_006114.1).
Sequence:	TDALNVLLII VDDLRLPSLGC YGDKLVRSPN IDQLASHLL FQNAFAQQAV CAPSRVSFLT GRRPDTRRLY DFNSYWRVHA GNFSTIPQYF KENGYVTMSV GKVFHPGISS NHTDDSPYSW SFPPYHPSSSE KYENTKTCRG PDGELHANLL CPVDVLDVPE GTLPDKQSTE QAIQLLEKMK TSASPFLLAV GYHKPHIPFR YPKEFQKLYP LENITLAPDP EVPDGLPPVA YNPWMDIRQR EDVQALNISV PYGPIPV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	IDS
Alternative Name:	IDS ( <a href="#">IDS Products</a> )
Background:	This gene encodes a member of the sulfatase family of proteins. The encoded preproprotein is proteolytically processed to generate two polypeptide chains. This enzyme is involved in the lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations in this gene are associated with the X-linked lysosomal storage disease mucopolysaccharidosis type II, also known as Hunter syndrome. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.,IDS,MPS2,SIDS,Cell Biology & Developmental Biology,Ubiquitin,IDS
Molecular Weight:	34 kDa/38 kDa/61 kDa
Gene ID:	3423
UniProt:	<a href="#">P22304</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

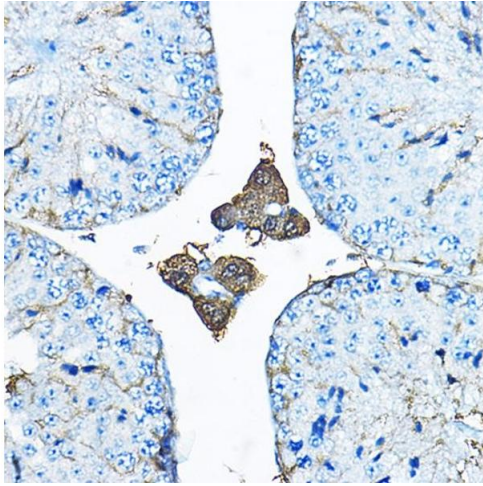
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

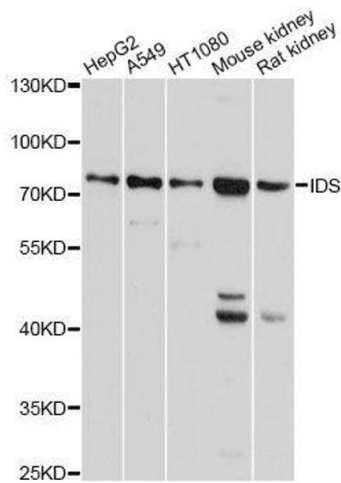
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Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



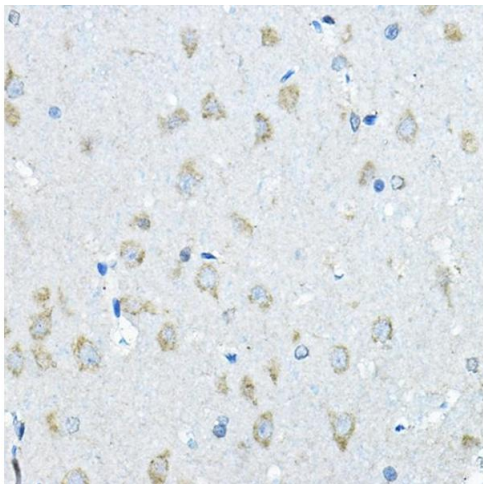
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded mouse testis using IDS Rabbit pAb (ABIN3015633, ABIN3015634, ABIN3015635 and ABIN6218988) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using IDS antibody.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded rat brain using IDS Rabbit pAb (ABIN3015633, ABIN3015634, ABIN3015635 and ABIN6218988) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3015634.