

Datasheet for ABIN2789574
anti-IDUA antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	IDUA
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse IDUA
Sequence:	MENQLLPGE LMGSPSGYFT DFDDKQVFE WKDLVSLAR RYIGRYGLTH
Predicted Reactivity:	Cow: 86%, Dog: 90%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against Idua. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	IDUA
Alternative Name:	Idua (IDUA Products)
Background:	This gene encodes an enzyme that hydrolyzes the terminal alpha-L-iduronic acid residues of two glycosaminoglycans, dermatan sulfate and heparan sulfate. This hydrolysis is required for

Target Details

the lysosomal degradation of these glycosaminoglycans. Mutations in this gene that result in enzymatic deficiency lead to the autosomal recessive disease mucopolysaccharidosis type I (MPS I).

Alias Symbols: IDA, MPS1

Protein Size: 281

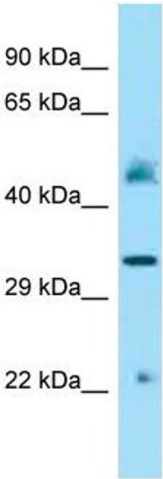
Molecular Weight:	30 kDa
Gene ID:	3425
NCBI Accession:	NM_000203 , NP_000194
UniProt:	P35475
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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.



Western Blotting

Image 1.