

Datasheet for ABIN5514526
anti-IDUA antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	IDUA
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDUA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human IDUA
Sequence:	LAHVSKWNFE TWNEPDHHDF DNVSMTMQGF LNYDDACSEG LRAASPALRL
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: IDUA,

Protein Interaction Partner: MPP3,

Protein Size: 653

Gene ID:	3425
NCBI Accession:	NP_000194
UniProt:	P35475
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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.
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.