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anti-Glucuronidase beta antibody (C-Term)



Overview



Quantity:	100 μL
Target:	Glucuronidase beta (GUSB)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Guinea Pig, Horse, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal

Conjugate: This Glucuronidase beta antibody is un-conjugated

Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Application:

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human GUSB
Sequence:	VLGNKKGIFT RQRQPKSAAF LLRERYWKIA NETRYPHSVA KSQCLENSPF
Predicted Reactivity:	Cow: 93%, Dog: 92%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 92%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against GUSB. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target: Glucuronidase beta (GUSB)

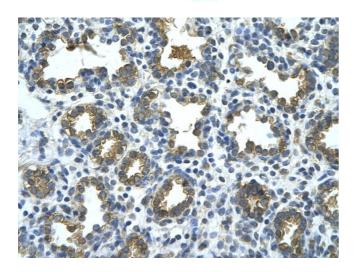
Target Details

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Alternative Name:	GUSB (GUSB Products)
Background:	GUSB plays an important role in the degradation of dermatan and keratan sulfates. Alias Symbols: MPS7, BG Protein Interaction Partner: GIT2, UBC, FBX06, PRKACA, GUSB, CES1, Protein Size: 651
Molecular Weight:	72 kDa
Gene ID:	2990
NCBI Accession:	NM_000181, NP_000172
UniProt:	P08236
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 651 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
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 repeated 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.



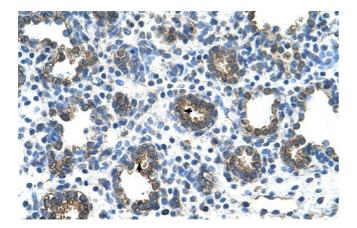
Western Blotting

Image 1. WB Suggested Anti-GUSB Antibody Titration:2.5ug/ml Positive Control: HepG2 cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-GUSB Antibody Paraffin Embedded Tissue: Human alveolar cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Immunohistochemistry

Image 3. Human Lung