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Datasheet for ABIN2856903

anti-GSTM1 antibody

3 Images

Overview

Quantity:	100 µL
Target:	GSTM1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSTM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human GSTM1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to GSTM1 (glutathione S-transferase mu 1) GSTM1 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	GSTM1
Alternative Name:	glutathione S-transferase mu 1 (GSTM1 Products)

Target Details

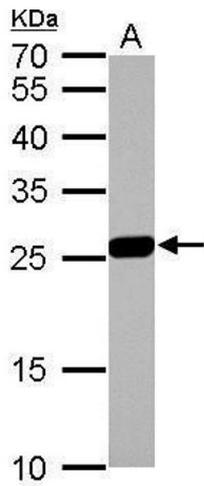
Molecular Weight:	26 kDa
Gene ID:	2944
UniProt:	P09488
Pathways:	Negative Regulation of Transporter Activity

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: rat liver , mouse brain , human liver Validation: Orthogonal
Restrictions:	For Research Use only

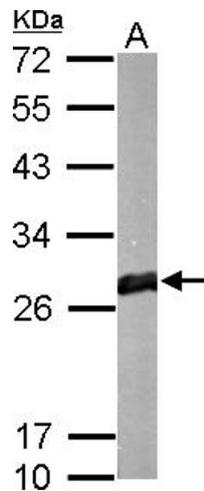
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



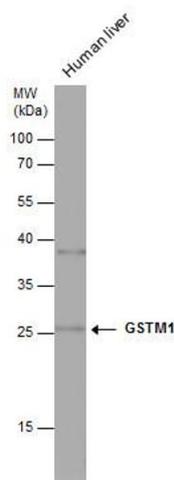
Western Blotting

Image 1. WB Image GSTM1 antibody detects GSTM1 protein by Western blot analysis. A. 50 µg rat liver lysate/extract 12 % SDS-PAGE GSTM1 antibody , dilution: 1:2000



Western Blotting

Image 2. WB Image GSTM1 antibody detects protein by Western blot analysis. A. 50 µg mouse brain lysate/extract 12 % SDS-PAGE GSTM1 antibody , dilution: 1:1000



Western Blotting

Image 3. WB Image Human tissue extract (30 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with GSTM1 antibody , diluted at 1:1000.