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anti-GSTM4 antibody (Internal Region)

3 Images



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Overview

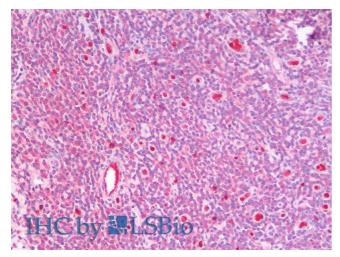
Quantity:	100 μg
Target:	GSTM4
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GSTM4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	GSTM4
Sequence:	DVSNQLARVC YSPD
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_000841.1, NP_671489.1).
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

rarget Details	
Target:	GSTM4
Alternative Name:	GSTM4 (GSTM4 Products)
Background:	GSTM4, glutathione S-transferase mu 4, GSTM4-4, GTM4, GST class-mu 4, GST-Mu2, GTS-Mu2, S-(hydroxyalkyl)glutathione lyase M4, glutathione S-alkyltransferase M4, glutathione S-aralkyltransferase M4, glutathione S-aryltransferase M4, glutathione S-transfera
Gene ID:	2948, 14865, 499689
NCBI Accession:	NP_000841, NP_671489
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 5 µ g/mL. Western Blot: Approx 26 kDa band observed in lysates of cell line HeLa and in Rat Lung lysates (calculated MW of 25.6 kDa according to Human NP_000841.1 and Rat NP_001019475.1). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN6391402 ($5\mu g/ml$) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN6391402 (0.3μg/ml) staining of Rat Lung lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.

Western Blotting

Image 3. ABIN6391402 (0.1μg/ml) staining of HeLa lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.