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Datasheet for ABIN671526

anti-MRP1 antibody (AA 501-600)

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Overview

Quantity:	100 µL
Target:	MRP1
Binding Specificity:	AA 501-600
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRP1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse MRP1
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	MRP1
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Target Details

Alternative Name:	MRP1 (MRP1 Products)
Background:	<p>Synonyms: MRP, Mrp1, Mdrap, Abcc1a, Abcc1b, Multidrug resistance-associated protein 1, ATP-binding cassette sub-family C member 1, Leukotriene C(4) transporter, LTC4 transporter, Abcc1</p> <p>Background: Mediates export of organic anions and drugs from the cytoplasm. Mediates ATP-dependent transport of glutathione and glutathione conjugates, leukotriene C4, estradiol-17-beta-o-glucuronide, methotrexate, antiviral drugs and other xenobiotics. Confers resistance to anticancer drugs. Hydrolyzes ATP with low efficiency.</p>
Gene ID:	17250
UniProt:	O35379
Pathways:	Response to Water Deprivation , Cell-Cell Junction Organization

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

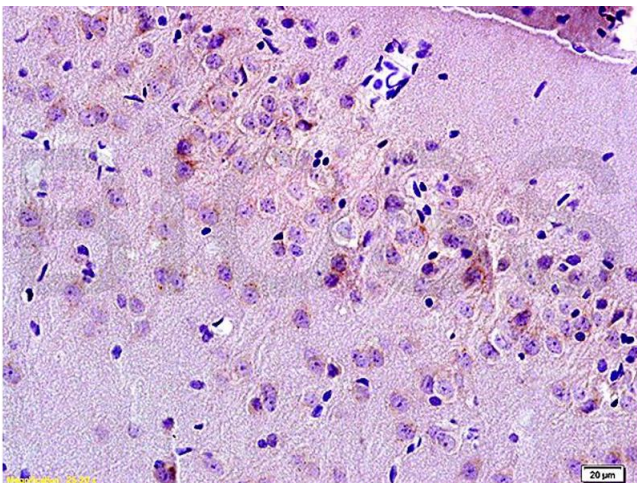
Publications

Product cited in: Peng, Feng, Yuan, Benhabbour, Mumper: "Development of a novel orthotopic non-small cell lung cancer model and therapeutic benefit of 2'-(2-bromohexadecanoyl)-docetaxel conjugate nanoparticles." in: **Nanomedicine : nanotechnology, biology, and medicine**, Vol. 10, Issue 7, pp. 1497-506, (2014) ([PubMed](#)).

Yan, Xie, Li, Zhang, Ma, Xie, Li, Zhong: "Epithelial-to-mesenchymal transition is involved in BCNU resistance in human glioma cells." in: **Neuropathology : official journal of the Japanese Society of Neuropathology**, (2013) ([PubMed](#)).

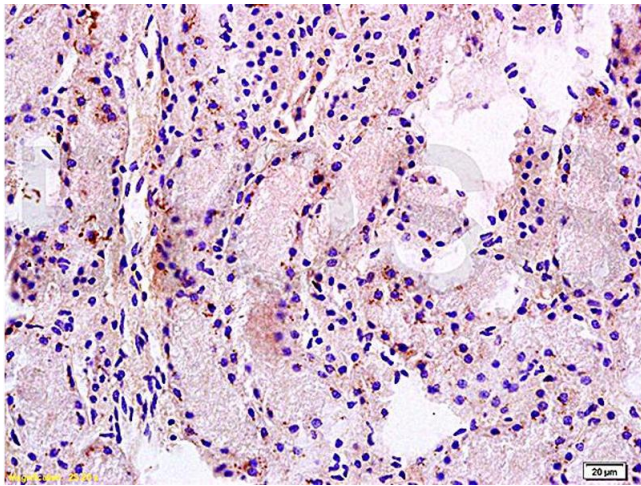
Hu, Peng, Li: "The expression and significance of P-glycoprotein, lung resistance protein and multidrug resistance-associated protein in gastric cancer." in: **Journal of experimental & clinical cancer research : CR**, Vol. 28, pp. 144, (2009) ([PubMed](#)).

Images



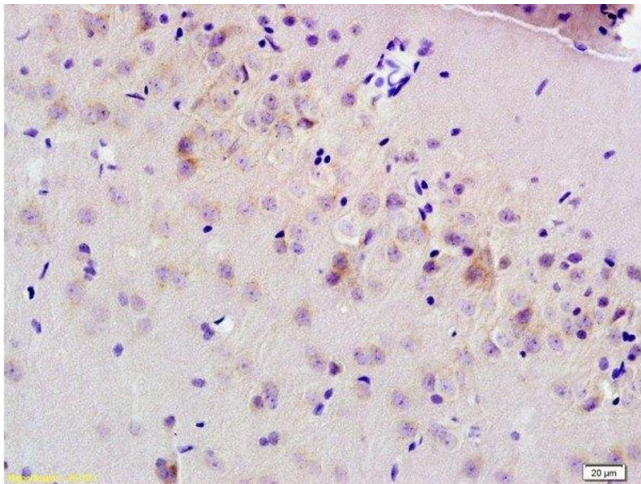
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain tissue labeled Anti-MRP1 Polyclonal Antibody, Unconjugated (ABIN671526) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat kidney tissue labeled Anti-MRP1 Polyclonal Antibody, Unconjugated (ABIN671526) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat brain tissue labeled Anti-MRP1 Polyclonal Antibody, Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN671526.