antibodies -online.com







Images



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Quantity:	100 μg	
Target:	MTDH	
Binding Specificity:	AA 101-270	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MTDH antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)	

Product Details

Immunogen:	Human partial recombinant protein (AA 101-270) was used as the immunogen for this LYRIC	
	antibody.	
Isotype:	IgG	
Purification:	Antigen affinity	

Target Details

Target:	MTDH	
Alternative Name:	LYRIC (Metadherin) (MTDH Products)	
Background:	MTDH (Metadherin), also known as LYRIC or astrocyte elevated gene-1 protein (AEG-1), is a	
	protein that in humans is encoded by the MTDH gene. It is involved in < a	

href=../search_result.php?search_txt=hif-1 alpha>HIF-1 alpha mediated angiogenesis, interacts with SND1 and is involved in RNA-induced silencing complex (RISC), and plays a very important role in RISC and miRNA functions. LYRIC induces an oncogene called Late SV40 factor (LSF/TFCP2) which is involved in thymidylate synthase (TS) induction and DNA biosynthesis synthesis. Late SV40 factor enhances angiogenesis by transcriptionally up-regulating matrix metalloproteinase-9 (< a href=../search_result.php?search_txt=mmp9>MMP9). LYRIC acts as an oncogene in melanoma, malignant glioma, breast cancer and hepatocellular carcinoma. It is highly expressed in these cancers and helps in progression and development of these cancers. It is induced by c-Myc oncogene and plays very important role in anchorage independent growth of cancer cells.

Gene ID:

92140

Pathways:

Cellular Response to Molecule of Bacterial Origin, Cell-Cell Junction Organization

Application Details

Application Notes:

The stated application concentrations are suggested starting amounts. Titration of the LYRIC antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,ICC: 0.5-1 µg/mL

Restrictions:

For Research Use only

Handling

Buffer:

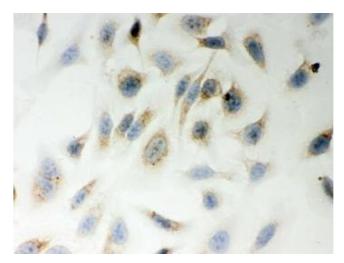
0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage:

-20 °C

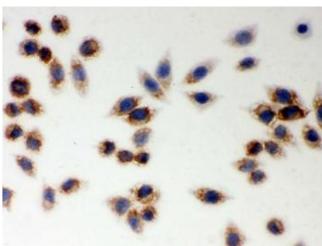
Storage Comment:

After reconstitution, the LYRIC antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



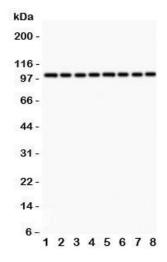
Immunocytochemistry

Image 1. ICC testing of FFPE human HeLa cells with LYRIC antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Immunocytochemistry

Image 2. ICC testing of FFPE human SMMC-7721 cells with LYRIC antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Western Blotting

Image 3. Western blot testing of LYRIC antibody and Lane 1: rat skeletal muscle

Please check the product details page for more images. Overall 5 images are available for ABIN3031760.