

Rabbit anti-Human, Mouse Metadherin (LYRIC) Polyclonal Antibody | anti-MTDH antibody

Metadherin (LYRIC) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29873	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

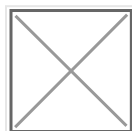
PRODUCT SYNONYMS

Metadherin (LYRIC); Polyclonal Antibody; Metadherin (LYRIC) Antibody; 3D3 antibody; 3D3/LYRIC antibody; AEG 1 antibody; AEG-1 antibody; AEG1 antibody; Astrocyte elevated gene 1 antibody; Astrocyte elevated gene-1 protein antibody; LYRIC antibody; LYRIC/3D3 antibody; LYRIC_HUMAN antibody; Lysine rich CEACAM1 associated protein antibody; Lysine rich CEACAM1 co isolated protein antibody; Lysine-rich CEACAM1 co-isolated protein antibody; Metadherin antibody; Metastasis adhesion protein antibody; MTDH antibody; Protein LYRIC antibody; anti-MTDH antibody

PRODUCT SPECIFICATIONS

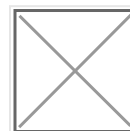
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MTDH antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:2000 IHC: 1:100-1:500 ICC: 1:50-1:200 FC/FACS: 1:50-1:200
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



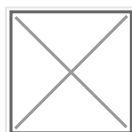
FCM (Flow Cytometry)

Flow cytometric analysis of SH-SY5Y cells with Metadherin (LYRIC) antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



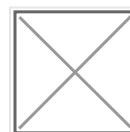
ICC (Immunocytochemistry)

ICC staining Metadherin (LYRIC) in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Metadherin (LYRIC) in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Metadherin (LYRIC) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Metadherin (LYRIC) antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-Metadherin (LYRIC) antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-MTDH antibody	MTDH (metastasis adhesion protein), also known as astrocyte elevated gene-1 protein (AEG1) or lysine-rich CEACAM1 co-isolated protein (LYRIC), is a 582 amino acid single-pass membrane protein. Overexpressed in various cancers, MTDH activates the transcription factor NF?B and promotes anchorage-independent growth of immortalized astrocytes and melanocytes, which are key components of tumor growth. MTDH is also thought to enhance the seeding of tumor cells to the target organ endothelium. Localized mainly to the endoplasmic reticulum membrane, MTDH also translocates from the cytoplasm to the nucleus when induced by TNF?. MTDH also localizes to tight junctions (TJ) during the maturation of TJ complexes in epithelial cells. MTDH is found at highest levels in heart, skeletal muscle, tongue and small intestine.
Product Categories/Family for anti-MTDH antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	223555917
NCBI GeneID	92140
NCBI Accession #	NP_848927.2
NCBI GenBank Nucleotide #	NM_178812.3
UniProt Accession #	Q86UE4; Q05DH2; Q52QU9; Q6PK07; Q8TCX3
Molecular Weight	63,837 Da
NCBI Official Full Name	protein LYRIC
NCBI Official Synonym Full Names	metadherin
NCBI Official Symbol	MTDH
NCBI Official Synonym Symbols	3D3; AEG1; AEG-1; LYRIC; LYRIC/3D3
NCBI Protein Information	protein LYRIC
UniProt Protein Name	Protein LYRIC
UniProt Gene Name	MTDH
UniProt Synonym Gene Names	AEG1; LYRIC; AEG-1
UniProt Entry Name	LYRIC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/metadherin-lyric-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29873>