

[Go to Product page](#)

Datasheet for ABIN7116219 anti-MTDH antibody

Overview

Quantity:	100 µg
Target:	MTDH
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTDH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	metadherin
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	MTDH
Alternative Name:	AEG-1 (MTDH Products)
Background:	Synonyms:3D3, 3D3/LYRIC, AEG 1, AEG1, LYRIC, LYRIC/3D3, metadherin, Metastasis adhesion protein, MTDH, Protein LYRIC Background:MTDH, also known as AEG-1, is a single-pass transmembrane protein with its gene located at chromosome 8q22, the abnormalities of which have been identified in several tumor types. MTDH is overexpressed in a number of

Target Details

malignancies, such as breast cancer, malignant glioma, and neuroblastoma, and its overexpression is associated with poor clinical outcome. MTDH plays an important role in the regulation of carcinogenesis and tumor progression. This antibody got two bands about 70 kDa and 80 kDa in western blotting, possibly due to posttranslational modification. This antibody is specific to AEG-1/MTDH.

Molecular Weight: 64-80 kDa

Gene ID: 92140

UniProt: [Q86UE4](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Cell-Cell Junction Organization](#)

Application Details

Application Notes: WB: 1:500 - 1:2000, IHC: 1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3 ,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months