

Anti-SETDB1 Antibody (4K613)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human (predicted:Mouse,Rat,Monkey)
Molecular Weight:	Theoretical: 143 kDa. Actual: 180 kDa.
Clone:	4K613
Purification:	Protein G purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with SETDB1 monoclonal antibody, unconjugated (TMAB-12701) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human KMT1E protein
Antigen Species:	Human
Gene ID:	9869
Uniprot ID:	Q15047

Research Background

This gene encodes a histone methyltransferase which regulates histone methylation, gene silencing, and transcriptional repression. This gene has been identified as a target for treatment in Huntington Disease, given that gene silencing and transcription dysfunction likely play a role in the disease pathogenesis. Alternatively spliced transcript variants of this gene have been described.[provided by RefSeq, Jun 2011]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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