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Datasheet for ABIN500218
anti-MAEL antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	MAEL
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAEL antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Maelstrom antibody was raised against a 16 amino acid peptide near the carboxy terminus of human Maelstrom.
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	MAEL
Alternative Name:	MAEL (MAEL Products)
Background:	The mammalian homolog of the Drosophila protein Maelstrom is expressed in the male

Target Details

germline and localizes to the sex body in spermatocytes and the chromatoid body in round spermatids. Similar to its expression in *Drosophila*, Maelstrom is a component of nuages, a germ-cell specific organelle and is thought to be essential for spermatogenesis and transposon repression during meiosis. In humans, Maelstrom has been found to be expressed only in the testis and in various cancer cell lines. Treatment of these cell lines with the demethylating agent 5'-Aza-2-Deoxycytidine significantly upregulated Maelstrom levels, indicating that its expression is regulated by DNA methylation. Synonyms: Protein maelstrom homolog

Gene ID: 84944

UniProt: [Q96JY0](#)

Application Details

Application Notes: ELISA. Western blot: 1 - 2 µg/mL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.