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[Primary Antibody]

Mouse Anti-CECR2 antibody

Catalog Number: SLM-60254M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	G4E5
Target:	CECR2
Purification:	Affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse,Rat
Subcellular Location:	The nucleus
Background:	Chromatin reader component of histone-modifying complexes, such as the CERF (CECR2-containing remodeling factor) complex and ISWI-type complexes. It therefore plays a role in various processes during development. Required for neural tube closure and inner ear development during embryogenesis. In adults, spermatogenesis is achieved through the formation of ISWI-type chromatin complexes. In histone-modifying complexes, CECR2 recognizes and binds acylated histones, binding acetylated and/or butyrylated histones. May also be involved, through its interaction with LRPRC, in the integration of the Cytoskeleton network with vesicular trafficking, nucleocytoplasmic shuttling, transcription, chromosome remodeling and cytokinesis.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.