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MED19/LCMR1 Rabbit pAb

Catalog # AP98128

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	A0JLT2
Other Accession	A0JLT2
Reactivity	Rat
Predicted	Human, Mouse, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26273
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MED19/LCMR1
Epitope Specificity	51-150/244
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the Mediator complex subunit 19 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MED19 is a component of the Mediator complex, which is a coactivator for DNA-binding factors that activate transcription via RNA polymerase II (Sato et al., 2003 [PubMed 12584197]).[supplied by OMIM, Oct 2008]

Additional Information

Gene ID	219541
Other Names	DT2P1G7; LCMR1; MED19AS; 2410018M14Rik; 3110040A13Rik; RGD1311926; MED19_HUMAN; MED19; Lung cancer metastasis-related protein 1; Mediator complex subunit 19; MED19_MOUSE; mediator of RNA polymerase II transcription, subunit 19 homolog (S. cerevisiae)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MED19
Synonyms	LCMR1

Function	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene- specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.
Cellular Location	Nucleus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.