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C1orf103 Rabbit pAb

Catalog # AP97238

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q5T3J3
Other Accession	Q5T3J3
Reactivity	Rat
Predicted	Human, Mouse, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84568
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C1orf103
Epitope Specificity	521-620/769
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 LRIF1 family.
SUBUNIT	Interacts with RARA.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	C1orf103 is a uncharacterized protein. It has two named isoforms.

Additional Information

Gene ID	55791
Other Names	C1orf103; FSHD3; HBiX1; RIF1; LRIF1_HUMAN; LRIF1; HP1-binding protein enriched in inactive X chromosome protein 1 (HBiX1); Receptor-interacting factor 1; ligand dependent nuclear receptor interacting factor 1; chromosome 1 open reading frame 103; receptor interacting factor 1
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	LRIF1 (HGNC:30299)
Function	Together with SMCHD1, involved in chromosome X inactivation in females by promoting the compaction of heterochromatin (PubMed:23542155). Also able

	to repress the ligand-induced transcriptional activity of retinoic acid receptor alpha (RARA), possibly through direct recruitment of histone deacetylases (PubMed:17455211). Also required for silencing of the DUX4 locus in somatic cells (PubMed:32467133).
Cellular Location	Chromosome. Nucleus matrix. Note=Localizes to Barr body; recruited by SMCHD1.
Tissue Location	Widely expressed, with the highest expression levels in heart, liver and placenta.

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