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SAP30 Rabbit pAb

Catalog # AP98554

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O75446
Other Accession	O75446
Reactivity	Human, Mouse
Predicted	Rat, Cat, Spider Monkey, Rabbit, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23306
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SAP30
Epitope Specificity	121-220/220
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 SAP30 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Histone acetylation plays a key role in the regulation of eukaryotic gene expression. Histone acetylation and deacetylation are catalyzed by multisubunit complexes. The protein encoded by this gene is a component of the histone deacetylase complex, which includes SIN3, SAP18, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This complex is active in deacetylating core histone octamers, but inactive in deacetylating nucleosomal histones. A pseudogene of this gene is located on chromosome 3. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	8819
Other Names	30kDa; SAP30_HUMAN; SAP30; 30 kDa Sin3-associated polypeptide; Sin3 corepressor complex subunit SAP30; Sin3-associated polypeptide p30; SAP30_MOUSE; Sin3A associated protein 30; sin3A-associated protein, 30kDa
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	SAP30 (HGNC:10532)
Function	Involved in the functional recruitment of the Sin3-histone deacetylase complex (HDAC) to a specific subset of N-CoR corepressor complexes. Capable of transcription repression by N-CoR. Active in deacetylating core histone octamers (when in a complex) but inactive in deacetylating nucleosomal histones.
Cellular Location	Nucleus.
Tissue Location	Expressed in all tissues tested with highest levels in pancreas, ovary, PBL, spleen and thymus; lowest levels in brain, placenta, lung and kidney.

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