

A9744

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RPB3/POLR2C Rabbit mAb

Catalog No.: A9744 **Recombinant**

Basic Information

Observed MW

35kDa

Calculated MW

31kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat


CloneNo number

ARC1729

Recommended Dilutions

WB	1:100 - 1:500
IHC-P	1:50 - 1:200

Contact

 www.abclonal.com

Background

This gene encodes the third largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains a cysteine rich region and exists as a heterodimer with another polymerase subunit, POLR2J. These two subunits form a core subassembly unit of the polymerase. A pseudogene has been identified on chromosome 21.

Immunogen Information

Gene ID	Swiss Prot
5432	P19387

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human RPB3/POLR2C (P19387).

Synonyms

RPB3; RPB31; hRPB33; hsRPB3; RPB3/POLR2C

Product Information

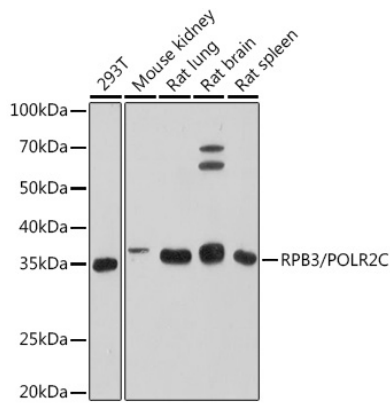
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using RPB3/POLR2C Rabbit mAb (A9744) at 1:500 dilution.

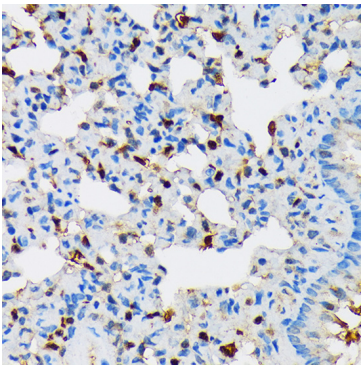
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

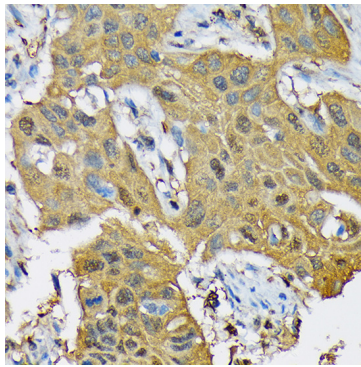
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Rat lung using RPB3/POLR2C Rabbit mAb (A9744) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using RPB3/POLR2C Rabbit mAb (A9744) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.