À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-APOBEC2

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:20121-1-AP 1 Publications

Informations de base

Numéro de catalogue:
20121-1-AP

Taille:
150ul , Concentration: 1300 μg/ml by Nanodrop and 487 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG13699

Numéro d'acquisition GenBank:
BC047767

Identification du gène (NCBI):
10930

Nom complet:
apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2

MW calculé
26 kDa

MW observés:
25-30 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:5000-1:50000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Spécificité de l'espèce:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cardiaque de souris, tissu cardiaque de rat, tissu de muscle squelettique de rat, tissu de muscle squelettique de souris

IP : tissu de muscle squelettique de souris,

IHC : tissu cardiaque de souris, tissu cardiaque humain

Informations générales

APOBEC2, also named as ARCD1 and ARP1, is a member of the activation-induced deaminase/apolipoprotein B mRNA editing enzyme catalytic polypeptide (APOBEC) cytidine deaminase family expressed in differentiated skeletal and cardiac muscle. APOBEC family members have diverse roles by their ability to edit DNA and/or RNA. Apobec2 is one of the oldest members of the APOBEC family, along with the lymphoid-specific activation-induced deaminase. Unlike other APOBEC family members, the enzymatic activity and substrate of Apobec2 have not been fully demonstrated, and its biologic functions remain unknown. It can be detected as 25-30 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Aimei Li	31485598	Int J Oncol	

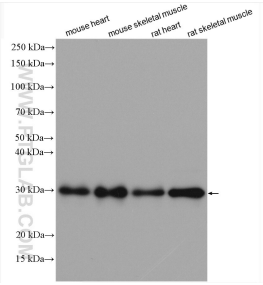
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

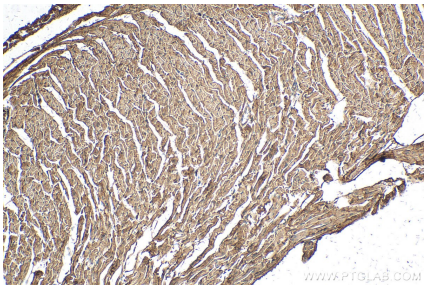
***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

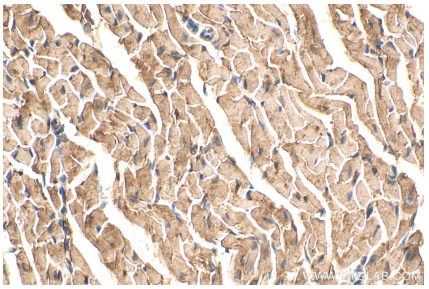
Données de validation sélectionnées



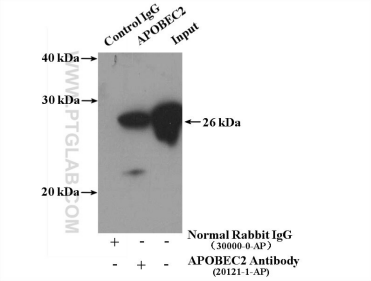
Various lysates were subjected to SDS PAGE followed by western blot with 20121-1-AP (APOBEC2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 20121-1-AP (APOBEC2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 20121-1-AP (APOBEC2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-APOBEC2 (IP:20121-1-AP, 4ug; Detection:20121-1-AP 1:500) with mouse skeletal muscle tissue lysate 4000ug.