

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-IDH2



Numéro de catalogue: 82117-1-RR

Informations de base

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| Numéro de catalogue: 82117-1-RR | Numéro d'acquisition GenBank: BC009244 | Méthode de purification: Purification par protéine A |
| Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop; | Identification du gène (NCBI): 3418 | CloneNo.: 1B1 |
| Hôte: Lapin | Nom complet: isocitrate dehydrogenase 2 (NADP+), mitochondrial | Dilutions recommandées: WB 1:5000-1:50000 IHC 1:500-1:2000 |
| Isotype: IgG | MW calculé 452 aa, 51 kDa | |
| Immunogen Catalog Number: AG8779 | MW observés: 43 kDa | |

Applications

Applications testées:
IHC, 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 : cellules LNCaP, cellules Jurkat, tissu cardiaque de rat, tissu cardiaque de souris

IHC : tissu de cancer du côlon humain,

Informations générales

IDH2, also named as IDP and ICD-M, belongs to the isocitrate and isopropylmalate dehydrogenases family. It plays a role in intermediary metabolism and energy production. IDH2 is a mitochondrial NADP-dependent isocitrate dehydrogenase that catalyzes oxidative decarboxylation of isocitrate to alpha-ketoglutarate, producing NADPH. It may tightly associate or interact with the pyruvate dehydrogenase complex. IDH1 and IDH2 mutations could also contribute to tumorigenesis and cancer progression through increased mutagenesis. IDH2 has 2 isoforms with the MW of 51 kDa and 45 kDa, and the mature form is about 47 kDa and 41 kDa with the N-terminal transit peptide cleaved.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azotate 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.

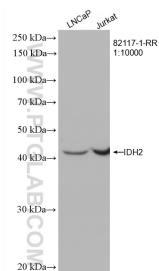
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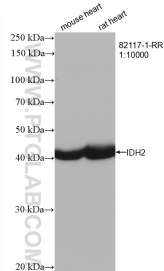
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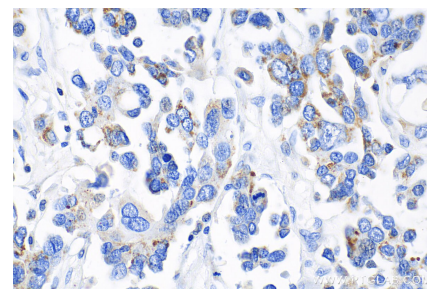
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 82117-1-RR (IDH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 82117-1-RR (IDH2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Sodium Citrate buffer (pH 6.0).