

PACO43402

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000,
IHC:1:20-1:200

Protein Background:

Non-catalytic component of the 20S PRMT5-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins and histones. This modification targets Sm proteins to the survival of motor neurons (SMN) complex for assembly into small nuclear ribonucleoprotein core particles. Might play a role in transcription regulation. The 20S PRMT5-containing methyltransferase complex also methylates the Piwi proteins (PIWIL1, PIWIL2 and PIWIL4), methylation of Piwi proteins being required for the interaction with Tudor domain-containing proteins and subsequent localization to the meiotic nuage.

Gene ID:

WDR77

Uniprot

Q9BQA1

Synonyms:

Methylosome protein 50 (MEP-50) (Androgen receptor cofactor p44) (WD repeat-containing protein 77) (p44/Mep50), WDR77, MEP50 WD45

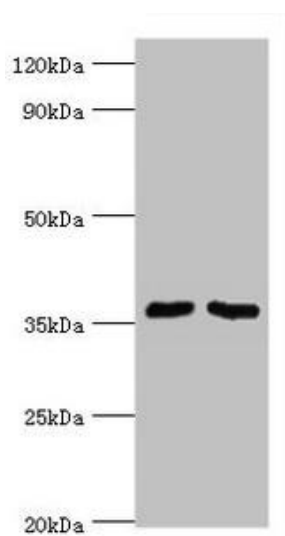
Immunogen:

Recombinant Human Methylosome protein 50 protein (1-260AA).

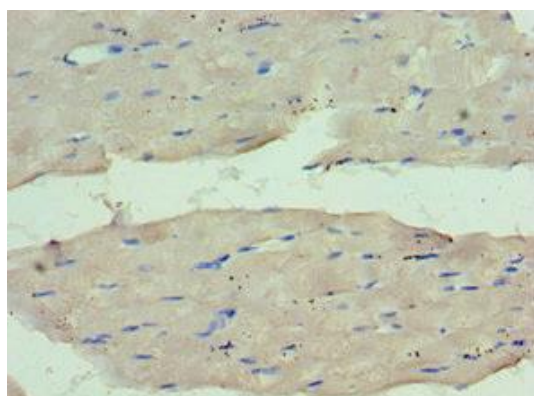
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

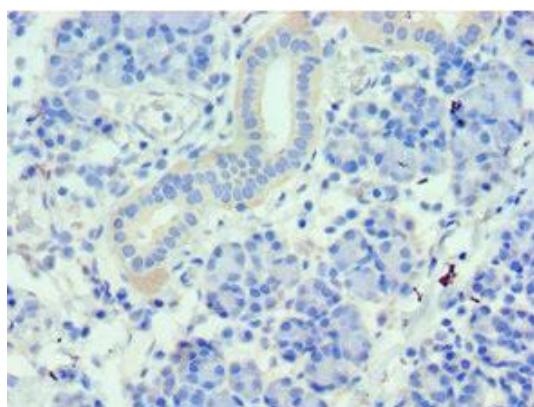
Product Images



Western blot. All lanes: Methylosome protein 50 antibody at 6 μ g/ml. Lane 1: Hela whole cell lysate. Lane 2: HepG2 whole cell lysate. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 37, 30 kDa. Observed band size: 37 kDa.



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using PACO43402 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human pancreatic tissue using PACO43402 at dilution of 1:100.