

## Rabbit anti-Human Methylosome protein 50 Polyclonal Antibody | anti-WDR77 antibody

Rabbit anti-human Methylosome protein 50 polyclonal Antibody(WDR77)

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA119278</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

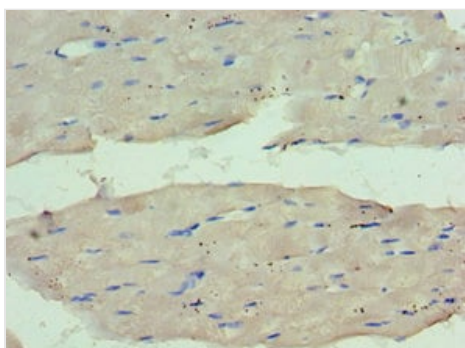
### PRODUCT SYNONYMS

Methylosome protein 50; Polyclonal Antibody; Rabbit anti-human Methylosome protein 50 polyclonal Antibody(WDR77); MEP-50; Androgen receptor cofactor p44; WD repeat-containing protein 77; p44/Mep50; WDR77; MEP50; WD45; HKMT1069; Nbla10071; anti-WDR77 antibody

### PRODUCT SPECIFICATIONS

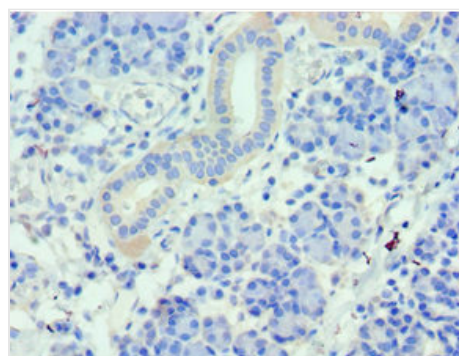
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Sequence Length                                 | 342                                                                                                            |
| Applicable Applications for anti-WDR77 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Storage Buffer                                  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Immunogen                                       | Recombinant human Methylosome protein 50 protein(1-260aa)                                                      |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-163533 / sc-135325                     |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



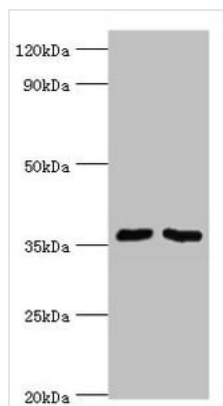
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human skeletal muscle using AAA119278 at dilution 1:100



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human pancreas using AAA119278 at dilution 1:100



#### WB (Western Blot)

All lanes: Methylosome protein 50 antibody at 6ug/mL  
 Lane 1: Hela whole cell lysate  
 Lane 2: HepG2 whole cell lysate  
 Secondary: Goat polyclonal to rabbit at 1/10000 dilution  
 Predicted band size: 37,30 kDa  
 Observed band size: 37 kDa

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-WDR77 antibody</b> | 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. |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 13129110                                                       |
| NCBI GeneID                      | 79084                                                          |
| NCBI Accession #                 | NP_077007.1                                                    |
| NCBI GenBank Nucleotide #        | NM_024102.3                                                    |
| UniProt Accession #              | Q9BQA1; Q3LID2; Q53FU2; Q6JZZ5; Q96GK4; Q9BWW3; B3KMW6; B4DP38 |
| Molecular Weight                 | 29,651 Da                                                      |
| NCBI Official Full Name          | methylosome protein 50 isoform 2                               |
| NCBI Official Synonym Full Names | WD repeat domain 77                                            |
| NCBI Official Symbol             | WDR77                                                          |
| NCBI Official Synonym Symbols    | p44; MEP50; MEP-50; HKMT1069; Nbla10071; p44/Mep50             |
| NCBI Protein Information         | methylosome protein 50                                         |
| UniProt Protein Name             | Methylosome protein 50                                         |
| UniProt Gene Name                | WDR77                                                          |
| UniProt Synonym Gene Names       | MEP50; WD45; MEP-50                                            |
| UniProt Entry Name               | MEP50_HUMAN                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.