



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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|                              |   |
|------------------------------|---|
| Product Number               | ARP58692_P050-HRP   |
| Product Page                 | <a href="http://www.avivasysbio.com/wdr77-antibody-n-terminal-region-hrp-arp58692-p050-hrp.html">www.avivasysbio.com/wdr77-antibody-n-terminal-region-hrp-arp58692-p050-hrp.html</a>  |
| Name                         | WDR77 Antibody - N-terminal region : HRP (ARP58692_P050-HRP)  |
| Protein Size (# AA)          | 342 amino acids   |
| Molecular Weight             | 38kDa   |
| Conjugation                  | HRP: Horseradish Peroxidase   |
| NCBI Gene Id                 | 79084   |
| Host                         | Rabbit  |
| Clonality                    | Polyclonal  |
| Concentration                | 0.5 mg/ml   |
| Gene Full Name               | WD repeat domain 77   |
| Alias Symbols                | p44, MEP50, MEP-50, HKMT1069, Nbla10071, p44/Mep50  |
| Peptide Sequence             | Synthetic peptide located within the following region:<br><a href="#">MRKETPPPLVPPAAREWNLPPNAPACMERQLEAARYRSDGALLLGASSLS</a>  |
| Product Format               | Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.   |
| Description of Target        | WDR77 is the non-catalytic component of the 20S PRMT5-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins. This modification targets Sm proteins to the survival of motor neurons (SMN) complex for assembly into small nuclear ribonucleoprotein core particles. WDR77 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. |
| Protein Interactions         | TP53; CUL3; SMAD1; AR; UBC; ASB15; WWOX; ZBTB1; SMYD1; COPS4; COPS7A; DCAF8; COPS8; PRMT5; TBC1D4; EPB41L2; HGS; FBXO6; PAN2; SNRPC; PPP1R8; POLR2C; PCBP2; HNRNPM; GRB2; QKI; TOE1; PPIL1; SAP30BP; LSM3; GPKOW; SF3A1; SF3B4; RBM5; PQBP1; THOC1; AQR; BAG2;  |
| Reconstitution and Storage   | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.  |
| Datasheets/Manuals           | Printable datasheet for <a href="#">anti-WDR77 (ARP58692_P050-HRP) antibody</a>   |
| Blocking Peptide             | For anti-WDR77 (ARP58692_P050-HRP) antibody is <a href="#">Catalog# AAP58692</a> (Previous Catalog# AAPP35939)  |
| Immunogen                    | The immunogen is a synthetic peptide directed towards the N terminal region of human WDR77  |
| Uniprot ID                   | <a href="#">Q9BQA1</a>  |
| Protein Name                 | Methylosome protein 50  |
| Sample Type Confirmation     | WDR77 is strongly supported by BioGPS gene expression data to be expressed in HEK293T   |
| Protein Accession #          | <a href="#">NP_077007</a>   |
| Purification                 | Affinity Purified   |
| Nucleotide Accession #       | <a href="#">NM_024102</a>   |
| Gene Symbol                  | <a href="#">WDR77</a>   |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit   |
| Application                  | WB  |

|   |  |
|---|--|
| <b>Predicted Homology Based on Immunogen Sequence</b> | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93% |
| <b>Image 1</b>  |       |

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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Optimal conditions of its use should be determined by end users.

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