



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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Product Number	ARP58692_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/wdr77-antibody-n-terminal-region-biotin-arp58692-p050-biotin.html">www.avivasysbio.com/wdr77-antibody-n-terminal-region-biotin-arp58692-p050-biotin.html</a>
Name	WDR77 Antibody - N-terminal region : Biotin (ARP58692_P050-Biotin)
Protein Size (# AA)	342 amino acids
Molecular Weight	38kDa
Conjugation	Biotin
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: <a href="#">MRKETPPPLVPPAAREWNLPPNAPACMERQLEAARYRSDGALLLGASSLS</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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-Biotin) antibody</a>
Blocking Peptide	For anti-WDR77 (ARP58692_P050-Biotin) 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.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

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

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