

For Research Use Only

# METTL18 Polyclonal antibody

Catalog Number: 25553-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 25553-1-AP	<b>GenBank Accession Number:</b> BC008679	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 260 µg/ml	<b>GeneID (NCBI):</b> 92342	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95568	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 1 open reading frame 156	
<b>Immunogen Catalog Number:</b> AG22148	<b>Calculated MW:</b> 372 aa, 42 kDa	
	<b>Observed MW:</b> 45-50 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, WB, ELISA	<b>Positive Controls:</b> WB : A431 cells, PC-3 cells
<b>Cited Applications:</b> WB	<b>IF :</b> A431 cells,
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

METTL18 belongs to a family of protein lysine methyltransferases that methylate nonhistone proteins. Methyltransferases catalyze the transfer of a methyl group from a donor, generally S-adenosyl-L-methionine, to acceptor molecules, including proteins, DNA, RNA, lipids, and small metabolites. METTL18 is involved in peptidyl-lysine monomethylation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tian-Hao Li	34123827	Front Oncol	WB
Eriko Matsuura-Suzuki	35674491	Elife	WB

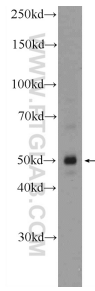
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

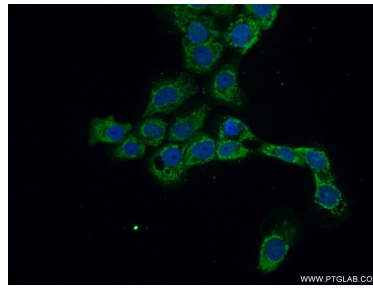
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## Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 25553-1-AP (C1orf156 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of A431 cells using 25553-1-AP (C1orf156 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).