

For Research Use Only

# ZNF259 Polyclonal antibody

Catalog Number: 15558-1-AP



## Basic Information

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|--|--|--|
| <b>Catalog Number:</b><br>15558-1-AP   | <b>GenBank Accession Number:</b><br>BC004256 | <b>Purification Method:</b><br>Antigen affinity purification                             |
| <b>Size:</b><br>150ul , Concentration: 850 ug/ml by Nanodrop and 453 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>8882                | <b>Recommended Dilutions:</b><br>WB 1:1000-1:4000<br>IHC 1:20-1:200<br>IF/ICC 1:20-1:200 |
| <b>Source:</b><br>Rabbit   | <b>UNIPROT ID:</b><br>O75312                 |  |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>zinc finger protein 259 |  |
| <b>Immunogen Catalog Number:</b><br>AG7980   | <b>Calculated MW:</b><br>51 kDa              |  |
|  | <b>Observed MW:</b><br>51 kDa                |  |

## Applications

|   |   |
|---|---|
| <b>Tested Applications:</b><br>WB, IHC, IF/ICC, ELISA   | <b>Positive Controls:</b>   |
| <b>Species Specificity:</b><br>human  | <b>WB :</b> human brain tissue, DU 145 cells, HeLa cells, HepG2 cells |
| <b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> | <b>IHC :</b> human skin tissue,                                       |
|   | <b>IF/ICC :</b> HepG2 cells,  |

## Background Information

ZNF259, also named as Zpr1, is an evolutionarily conserved protein characterized by two C4 zinc fingers and two Zpr1-specific conserved homology domains. Zpr1 was first identified in mammalian cells as a cytoplasmic protein that was capable of binding the intracellular domain of the unactivated EGF receptor (EGFR). The MW of this protein is 51 kDa, and this antibody specially recognises the 51 kDa protein.

## Storage

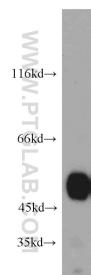
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

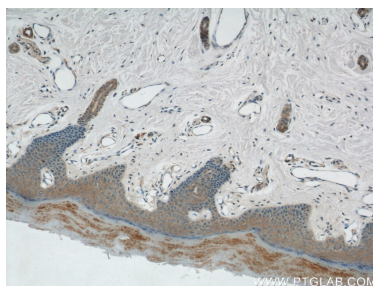
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

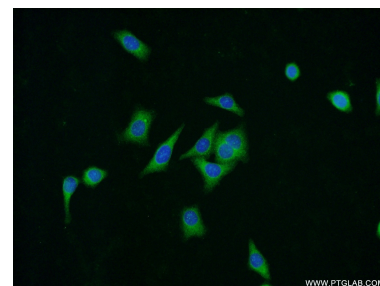
## Selected Validation Data



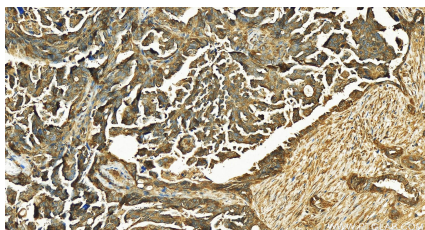
human brain tissue were subjected to SDS PAGE followed by western blot with 15558-1-AP (ZNF259 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin using 15558-1-AP (ZNF259 antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of HepG2 cells using 15558-1-AP (ZNF259 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 15558-1-AP (ZNF259 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).