

## op18 Antibody

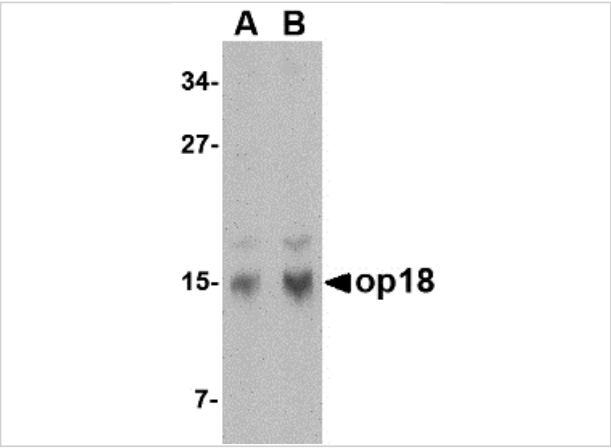
CATALOG NUMBER: 4237

## Specifications

Host Species	Rabbit
Species Reactivity	Human, Mouse, Rat
Homology	Predicted species reactivity based on immunogen sequence: Pig: (100%), Bovine: (100%), Chicken: (88%)
Immunogen	Anti-op18 antibody ( <b>4237</b> ) was raised against a peptide corresponding to 17 amino acids near the amino terminus of human op18. The immunogen is located within the first 50 amino acids of op18.
Conjugate	Unconjugated
Tested Applications	ELISA, IF, IHC-P, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Predicted Molecular Weight	Predicted: 17kD Observed: 17 kD

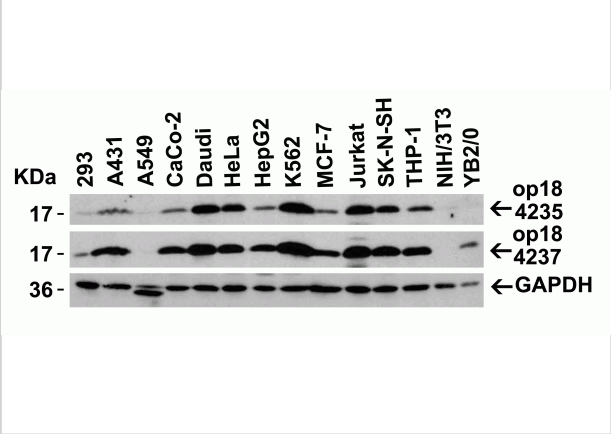
## Properties

Purification	op18 Antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	op18 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	op18 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



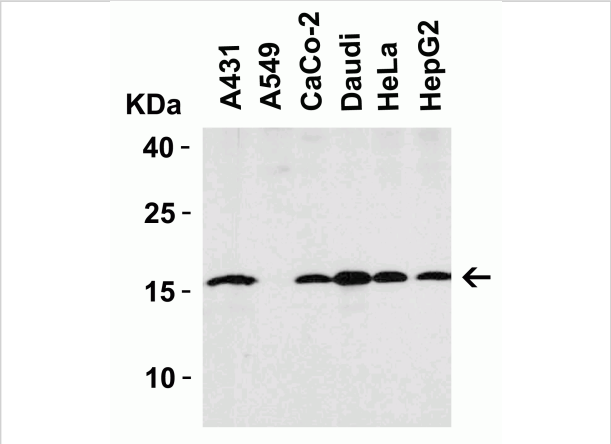
### op18 Antibody 1

**Figure 1 Western Blot Validation in Human Brain Tissue**  
 Loading: 15 µg of lysates per lane. Antibodies: op18 4237 (A: 0.5 µg/mL, B: 1 µg/mL), 1h incubation at RT in 5% NFDm/TBST.S...



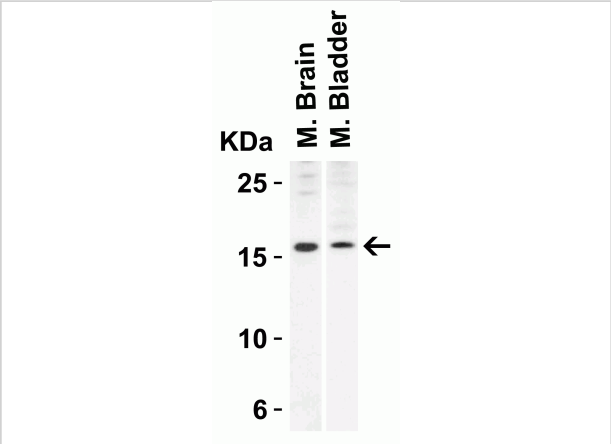
### op18 Antibody 2

**Figure 2 Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines**  
 Loading: 15 µg of lysates per lane. Antibodies: op18 4235 (2 µg/mL), op18 4237 (2 µg/mL), op18 4237 (2 µg/mL)



### op18 Antibody 3

**Figure 3 Western Blot Validation in Human Cell Lines**  
 Loading: 15 µg of lysates per lane. Antibodies: op18 4237 (2 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti...



### op18 Antibody 4

**Figure 4 Western Blot Validation in Mouse Tissues**  
 Loading: 15 µg of lysates per lane. Antibodies: op18 4237 (2 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-ra...

## Disclaimer

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Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.

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