

Optineurin (ANT0097R) Rabbit mAb

CatalogNo: ANT8124 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,

Reactivity

- WB,IHC,IF,IP,ELISA

Applications

MW

- 63kD (Calculated)
- 74kD (Observed)

Isotype

- IgG,Kappa

Recommended Dilution Ratios

IHC 1:200-500

WB 1:1000-5000

IF 1:200-1000

ELISA 1:5000-20000

IP 1:50-200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

Clone Number ANT0097R

Target Information

Endogenous

Gene name OPTN FIP2 GLC1E HIP7 HYPL NRP

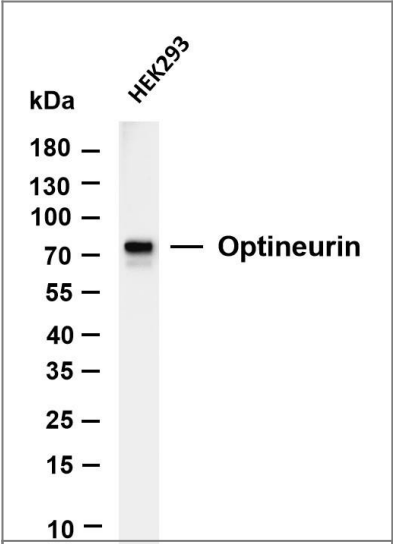
Protein Name OPTN

| Organism | Gene ID | UniProt ID |
|----------|--------------------------|--------------------------|
| Human | 10133 ; | Q96CV9 ; |
| Mouse | 71648 ; | Q8K3K8 ; |
| Rat | 246294 ; | Q8R5M4 ; |

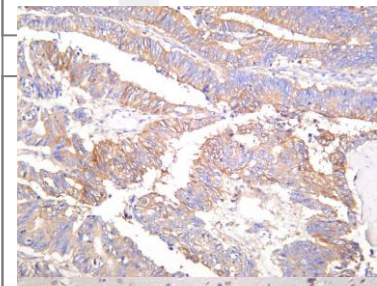
Cellular Localization Cytoplasm

Tissue specificity Present in aqueous humor of the eye (at protein level). Highly expressed in trabecular meshwork. Expressed nonpigmented ciliary epithelium, retina, brain, adrenal cortex, fetus, lymphocyte, fibroblast, skeletal muscle, heart, liver, brain and placenta.

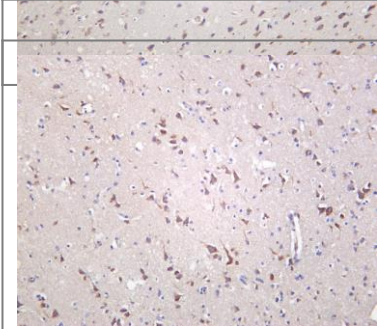
Validation Data



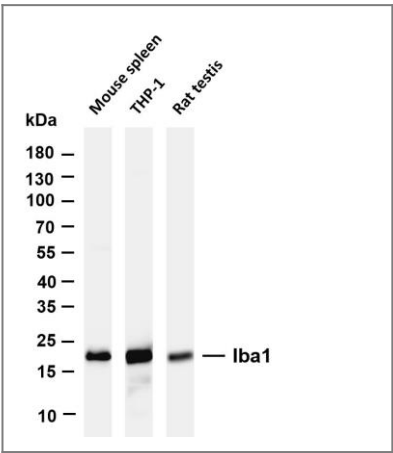
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Optineurin (ANT0097R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HEK293 Predicted band size: 63kDa Observed band size: 74kDa



Mouse brain was stained with Anti-Optineurin (ANT0097R) rabbit antibody
Human colon carcinoma was stained with Anti-Optineurin (ANT0097R) rabbit antibody



Human brain was stained with Anti-Optineurin (ANT0097R) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Optineurin (ANT0097R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HEK293 Lane 2: HepG2 Lane 3: Mouse liver Lane 4: Rat liver Predicted band size: 63kDa Observed band size: 70kD

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