

Panopsin Antibody

Catalog No: #47843



Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

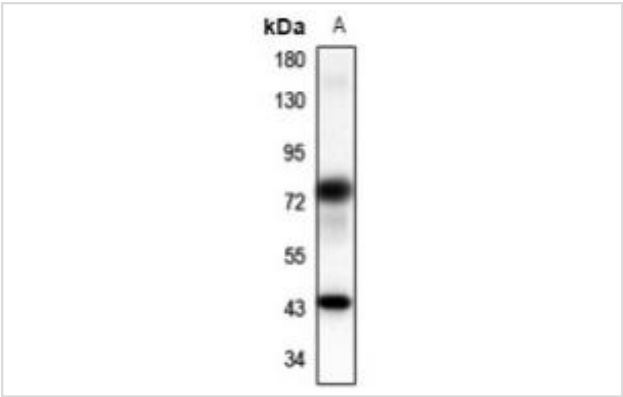
Description

Product Name	Panopsin Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified by immunogen affinity chromatography.
Applications	WB, IHC, IF/ICC
Species Reactivity	Hu,Ms,Rt
Specificity	Recognizes endogenous levels of Panopsin protein.
Immunogen Description	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Panopsin.
Target Name	OPN3
Other Names	ECPN; Opsin-3; Encephalopsin; Panopsin
Accession No.	Swiss-Prot#:Q9H1Y3NCBI Gene ID:23596
Uniprot	Q9H1Y3
GeneID	23596;
Calculated MW	45KD
Concentration	1 mg/ml
Formulation	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20°C

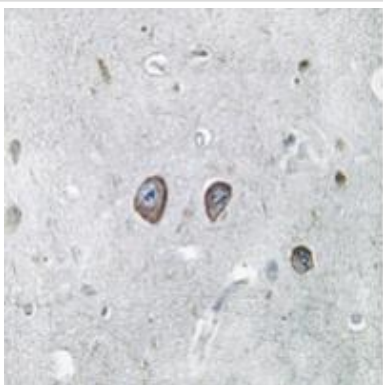
Application Details

WB (1/500 - 1/1000), IHC (1/50 - 1/100), IF/ICC (1/50 - 1/200)

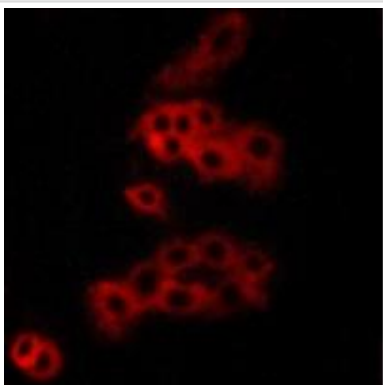
Images



Western blot analysis of Panopsin expression in rat brain (A) whole cell lysates



Immunohistochemical analysis of Panopsin staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Panopsin staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note: This product is for in vitro research use only