

## Antibodies Product Datasheet

<b>Product Name:</b>	Melanopsin Antibody
<b>Catalog Number:</b>	G488
<b>Reactivity:</b>	Human, Rat, Mouse
<b>Applications:</b>	WB, IF/ICC, ELISA
<b>Dilutions:</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Modification:</b>	Unmodified/Total
<b>Source:</b>	Polyclonal Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human OPN4. AA range:429-478
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	OPN4
<b>Protein Name:</b>	Melanopsin
<b>Other Name:</b>	OPN4; MOP; Melanopsin; Opsin-4
<b>Human Swiss Prot No.:</b>	Q9UHM6
<b>Formulation:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Specificity:</b>	Melanopsin Polyclonal Antibody detects endogenous levels of Melanopsin protein.
<b>Storage and Stability:</b>	-20°C/1 year