

OPN1MW polyclonal antibody

Catalog: BS32733

Host: Rabbit

Reactivity: Human

BackGround:

Medium-wave-sensitive opsin 1: G protein-coupled photoreceptor that selectively activates G(i) proteins in response to medium-wavelength (green) light, thereby decreasing intracellular cAMP levels (, Ref.6). Activation occurs when the opsin-bound cis-retinal chromophore absorbs a photon and isomerizes to all-trans-retinal, inducing a conformational change in the opsin that triggers a G protein-mediated phototransduction cascade (Ref.6). Mediates visual perception of green light in cone photoreceptor cells

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~40.6 kDa

Swiss-Prot:

P04001

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), FC (1/10 - 1/50)

Storage&Stability:

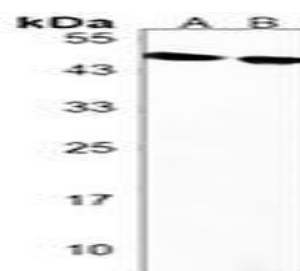
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

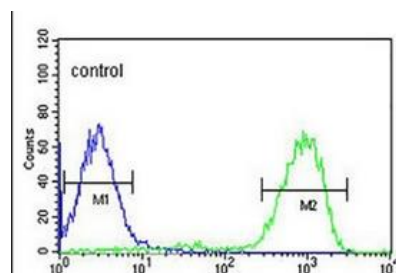
Specificity:

Recognizes endogenous levels of OPN1MW protein.

DATA:



Western blot analysis of PHYH expression in MCF7 (A), HepG2 (B) whole cell lysates.



Note:

For research use only, not for use in diagnostic procedure.

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