MaxPab®

OPN1SW purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000611-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human OPN1SW protein.
Immunogen	OPN1SW (AAI56720.1, 1 a.a. ~ 348 a.a) full-length human protein.
Sequence	MRKMSEEEFYLFKNISSVGPWDGPQYHIAPVWAFYLQAAFMGTVFLIGFPLNAMVLVATLRYKKL RQPLNYILVNVSFGGFLLCIFSVFPVFVASCNGYFVFGRHVCALEGFLGTVAGLVTGWSLAFLAFE RYIVICKPFGNFRFSSKHALTVVLATWTIGIGVSIPPFFGWSRFIPEGLQCSCGPDWYTVGTKYRSE SYTWFLFIFCFIVPLSLICFSYTQLLRALKAVAAQQQESATTQKAEREVSRMVVVMVGSFCVCYVP YAAFAMYMVNNRNHGLDLRLVTIPSFFSKSACIYNPIIYCFMNKQFQACIMKMVCGKAMTDESDTC SSQKTEVSTVSSTQVGPN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

Gene Info — OPN1SW

Entrez GeneID	611
GeneBank Accession#	BC156719.1
Protein Accession#	AAI56720.1
Gene Name	OPN1SW
Gene Alias	BCP, BOP, CBT
Gene Description	opsin 1 (cone pigments), short-wave-sensitive
Omim ID	190900
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the G-protein coupled receptor 1 family, opsin subfamily. It encodes the blue cone pigment gene which is one of three types of cone photoreceptors responsible for normal col or vision. Defects in this gene are the cause of tritan color blindness (tritanopia). Affected individu als lack blue and yellow sensory mechanisms while retaining those for red and green. Defective bl ue vision is characteristic. [provided by RefSeq
Other Designations	blue cone photoreceptor pigment|blue-sensitive opsin

Disease

- Retinal Diseases