

SWS rabbit pAb

Cat No.: ES20383

For research use only

Overview

Product Name SWS rabbit pAb

Host species Rabbit

Applications WB;ELISA;IHC

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000 **Immunogen** Synthesized peptide derived from human SWS

Specificity This antibody detects endogenous levels of Human

SWS

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name SWS

Gene Name OPN1SW BCP

Cellular localization Cell membrane; Multi-pass membrane protein.

Photoreceptor inner segment . Cell projection, cilium, photoreceptor outer segment . Cytoplasm,

perinuclear region.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 38kD
Human Gene ID 611
Human Swiss-Prot Number P03999

Alternative Names Short-wave-sensitive opsin 1 (Blue cone

photoreceptor pigment; Blue-sensitive opsin; BOP)

Background 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 color vision. Defects in this gene are the cause of tritan color blindness (tritanopia). Affected individuals lack blue

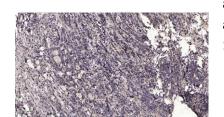


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and yellow sensory mechanisms while retaining those for red and green. Defective blue vision is characteristic. [provided by RefSeq, Jul 2008],



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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