

SWS Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04970
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human SWS
Mol wt	38280
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	SWS
Synonyms	SWS; Short-wave-sensitive opsin 1; Blue cone photoreceptor pigment; Blue-sensitive opsin; BOP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 and yellow sensory mechanisms while retaining those for red and green. Defective blue vision is characteristic.

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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