

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