



Anti-OPN4 polyclonal antibody (DPABT-H12031)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-OPN4 Polyclonal Antibody
Target	OPN4
Immunogen	Recombinant protein corresponding to amino acids of human OPN4.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	IHC
Sequence Similarities	PKYRVAIAQHLPCLGVLLGVSRRHSPYPYSRSTHRSTLTSHSTNLSWISIRRRQESLGS ESEV
Format	Liquid
Buffer	In PBS, pH 7.5 (40% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	OPN4 opsin 4 [Homo sapiens]
Official Symbol	OPN4
Synonyms	OPN4; opsin 4; opsin 4 (melanopsin); melanopsin; MOP; opsin-4; MGC142118;
Entrez Gene ID	94233
Protein Refseq	NP_001025186
UniProt ID	Q9UHM6
Chromosome Location	10q22
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Opsins, organism-specific biosystem; Signal Transduction, organism-specific biosystem;
Function	11-cis retinal binding; G-protein coupled photoreceptor activity; receptor activity; signal transducer activity;