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Datasheet for ABIN6746673
anti-OPN3 antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	OPN3
Binding Specificity:	C-Term
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPN3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide from C-Terminus of human OPN3 (Q9H1Y3, NP_055137). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset (100%), Galago (92%), Horse, Guinea pig (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human OPN3 / Encephalopsin
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%).
Purification:	Immunoaffinity purified

Target Details

Target:	OPN3
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Target Details

Alternative Name:	Enkephalopsin / OPN3 (OPN3 Products)
Background:	Name/Gene ID: OPN3 Subfamily: Opsin Family: GPCR Synonyms: OPN3, ERO, Enkephalopsin, NMO-1, Opsin 3, Opsin-3, ECPN, Panopsin
Gene ID:	23596
NCBI Accession:	NP_055137
UniProt:	Q9H1Y3

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in: Wilson, Guerrette, Fishel: "Dissociation of mismatch recognition and ATPase activity by hMSH2-hMSH3." in: **The Journal of biological chemistry**, Vol. 274, Issue 31, pp. 21659-64, (1999) ([PubMed](#)).

Watanabe, Ikejima, Suzuki, Shimada: "Genomic organization and expression of the human MSH3 gene." in: **Genomics**, Vol. 31, Issue 3, pp. 311-8, (1997) ([PubMed](#)).

Images

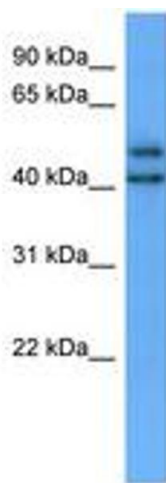


Image 1.