anti-Human, Mouse OPN3 Antibody | anti-OPN3 antibody

OPN3 Antibody

CATALOG #	REACTIVITY	APPLICATIONS
AAA109569	**Human, Mouse**	**ELISA, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

OPN3; OPN3 Antibody; Opsin-3; Encephalopsin; Panopsin; ECPN; anti-OPN3 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Encephalopsin antibody detects endogenous levels of total Encephalopsin protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	402
Applicable Applications for anti-OPN3 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human Encephalopsin.
Preparation and Storage	Store at-20 degree C for 1 year.

IMAGES

WB (Western Blot)
Peptide-+ Western blot analysis of extracts from mouse brain cells, using Encephalopsin antibody. Immunofluorescence analysis of MCF-7 cells, using Encephalopsin antibody.

Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-OPN3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Blackshaw S., J. Neurosci. 19:3681-3690(1999). Halford S., Genomics 72:203-208(2001). Kasper G., Gene 295:27-32(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	71999131
NCBI GeneID	23596
NCBI Accession #	NP_055137.2
NCBI GenBank Nucleotide #	NM_014322.2

UniProt Accession #	Q9H1Y3; Q8IX08; Q9Y344
Molecular Weight	35,730 Da
NCBI Official Full Name	opsin-3
NCBI Official Synonym Full Names	opsin 3
NCBI Official Symbol	OPN3
NCBI Official Synonym Symbols	ECPN; PPP1R116
NCBI Protein Information	opsin-3
UniProt Protein Name	Opsin-3
UniProt Gene Name	**OPN3**
UniProt Synonym Gene Names	ECPN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/human-mouse-antibody/opn3/109569