SNF8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SNF8, Polyclonal Antibody
Full Product Name	SNF8 Antibody, Biotin Conjugated
Product Gene Name	anti-SNF8 antibody
Product Synonym Names	Vacuolar-sorting protein SNF8 (ELL-associated protein of 30 kDa) (ESCRT-II complex subunit VPS22) (hVps22); SNF8; EAP30
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: SNF8 (MBS7134858) Biotin Conjugated Antibody: SNF8 (MBS7134861)
Molecular Weight	28,736 Da
OMIM	610904
3D Structure	ModBase 3D Structure for Q96H20
Immunogen	Recombinant Human Vacuolar-sorting protein SNF8 protein (1-258AA)
Immunogen Species	Human
Conjugate	Biotin
Product Categories/Family for anti-SNF8 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SNF8 antibody	ELISA (EIA)
Related Product Information for anti-SNF8 antibody	MBS7134861 is an antibody targeting SNF8. Also known as SNF8 Antibody, Biotin Conjugated. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-SNF8 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SNF8. It may not necessarily be applicable to this product.

NCBI GI #	21361380

NCBI GeneID	11267
NCBI Accession #	NP_009172.2
UniProt Primary Accession #	Q96H20
UniProt Secondary Accession #	Q8IXY3; Q9UN50
UniProt Related Accession #	Q96H20
GenBank Nucleotide #	NM_007241.2
NCBI Official Full Name	vacuolar-sorting protein SNF8
NCBI Official Synonym Full Names	SNF8, ESCRT-II complex subunit
NCBI Official Symbol	SNF8
NCBI Official Synonym Symbols	Dot3; EAP30; VPS22
UniProt Protein Name	Vacuolar-sorting protein SNF8
UniProt Synonym Protein Names	ELL-associated protein of 30 kDa; ESCRT-II complex subunit VPS22; hVps22
Protein Family	Vacuolar-sorting protein
UniProt Gene Name	SNF8
UniProt Synonym Gene Names	EAP30; hVps22
UniProt Entry Name	SNF8_HUMAN
NCBI Protein Information	vacuolar-sorting protein SNF8; EAP30 subunit of ELL complex; ELL-associated protein of 30 kDa; ESCRT-II complex subunit VPS22; SNF8, ESCRT-II complex subunit, homolog; hVps22
NCBI Summary for SNF8	SNF8, VPS25 (MIM 610907), and VPS36 (MIM 610903) form ESCRT-II (endosomal sorting complex required for transport II), a complex involved in endocytosis of ubiquitinated membrane proteins. SNF8, VPS25, and VPS36 are also associated in a multiprotein complex with RNA polymerase II elongation factor (ELL; MIM 600284) (Slagsvold et al., 2005 [PubMed 15755741]; Kamura et al., 2001 [PubMed 11278625]).[supplied by OMIM, Mar 2008]
UniProt Comments for SNF8	SNF8: Component of the endosomal sorting complex required for transport II (ESCRT-II), which is required for multivesicular body (MVB) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. The ESCRT-II complex may also play a role in transcription regulation by participating in derepression of transcription by RNA polymerase II, possibly via its interaction with ELL. Required for degradation of both endocytosed EGF and EGFR, but not for the EGFR ligand-mediated internalization. It is also required for the degradation of CXCR4. Belongs to the SNF8 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Transcription factor Chromosomal Location of Human Ortholog: 17q21.32 Cellular Component: nucleoplasm; transcription factor complex; late endosome membrane; cytoplasm; cytosol Molecular Function: protein binding; protein homodimerization activity; transcription factor binding Biological Process: regulation of transcription from RNA polymerase II promoter; transcription, DNA-dependent; protein targeting to vacuole during ubiquitin-dependent protein catabolic process via the MVB pathway; endosome transport
Research Articles on SNF8	**1.** Modulating SNF8 expression levels alters the TRPC6 channel current and can modulate activation of NFAT-mediated transcription downstream of gain-of-function mutant TRPC6.

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