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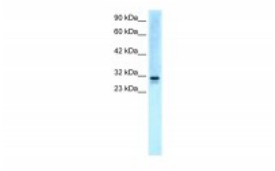
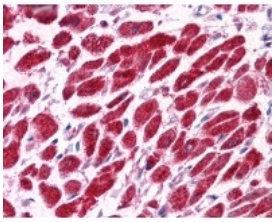
SNF8 Antibody

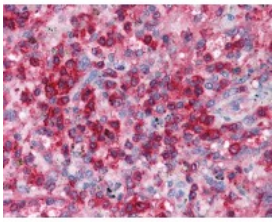
CATALOG NUMBER: 27-366



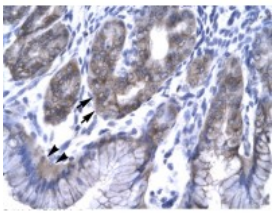
Antibody used in WB on Human HepG2 at 5.0 ug/ml.



Antibody used in IHC on Human Spleen.



Antibody used in IHC on Human Heart.



Antibody used in IHC on Human Stomach at 4.0-8.0 ug/ml.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	SNF8 antibody can be used for detection of SNF8 by ELISA at 1:1562500. SNF8 antibody can be used for detection of SNF8 by western blot at 0.5 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. 1211 - HepG2 Cell Lysate
PREDICTED MOLECULAR WEIGHT:	29 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human SNF8.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml

STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store SNF8 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	SNF8, Dot3, EAP30, VPS22
ACCESSION NO.:	NP_009172
PROTEIN GI NO.:	21361380
OFFICIAL SYMBOL:	SNF8
GENE ID:	11267

Background

BACKGROUND:	ELL encodes an RNA polymerase II transcription factor that undergoes frequent translocation in acute myeloid leukemia (AML). In addition to its elongation activity, ELL contains a novel type of RNA polymerase II interaction domain that is capable of repressing polymerase activity in promoter-specific transcription. EAP30 is a subunit of the ELL complex. EAP30 can interact with ELL and derepress ELL's inhibitory activity in vitro.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]).
REFERENCES:	1) Malerod, L., (2007) Traffic 8 (11), 1617-1629.

FOR RESEARCH USE ONLY

December 12, 2016