



Epsin 2 Polyclonal Antibody

Catalog No	BYab-20185
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	EPN2
Protein Name	Epsin-2
Immunogen	The antiserum was produced against synthesized peptide derived from human EPN2. AA range:271-320
Specificity	Epsin 2 Polyclonal Antibody detects endogenous levels of Epsin 2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EPN2; KIAA1065; Epsin-2; EPS-15-interacting protein 2
Observed Band	68kD
Cell Pathway	Cytoplasm . Cytoplasmic vesicle, clathrin-coated vesicle . In punctate structures throughout the cell, associated with clathrin-coated vesicles, and particularly concentrated in the region of the Golgi complex.
Tissue Specificity	Highest expression is found in brain. Detected at lower levels in lung and liver.
Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,domain:The DPW repeat domain is involved in AP-2 and clathrin binding.,domain:The NPF repeat domain is involved in EPS15 binding.,function:Plays a role in the formation of clathrin-coated invaginations and endocytosis.,PTM:Ubiquitinated.,similarity:Belongs to the epsin family.,similarity:Contains 1 ENTH (epsin N-terminal homology) domain.,similarity:Contains 2 UIM (ubiquitin-interacting motif) repeats.,subcellular location:In punctate structures throughout the cell, associated with clathrin-coated vesicles, and particularly concentrated in the region of the Golgi

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	complex.,subunit: Binds EPS15 (By similarity). Binds AP-2 and clathrin.,tissue specificity: Highest expression is found in brain. Detected at lower levels in lung and liver.,
Background	This gene encodes a protein which interacts with clathrin and adaptor-related protein complex 2, alpha 1 subunit. The protein is found in a brain-derived clathrin-coated vesicle fraction and localizes to the peri-Golgi region and the cell periphery. The protein is thought to be involved in clathrin-mediated endocytosis. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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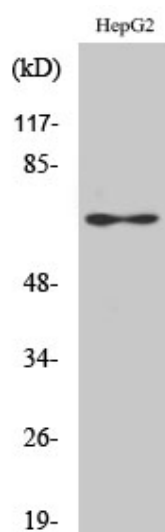
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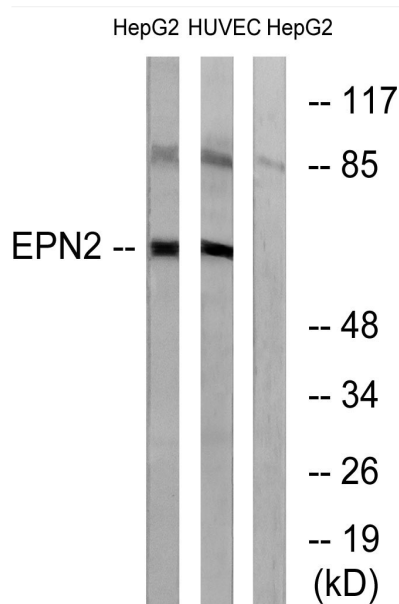
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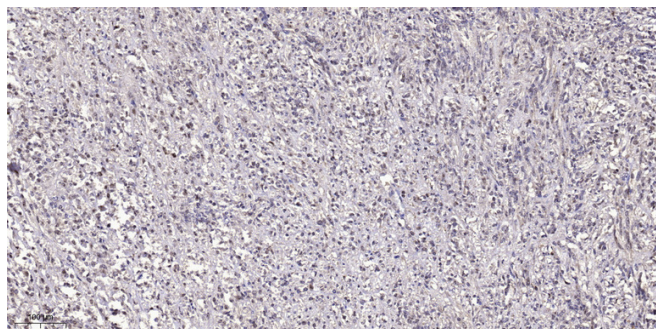
Products Images



Western Blot analysis of various cells using Epsin 2 Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from HepG2 and HUVEC cells, using EPN2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1, primary Antibody was diluted at 1:200 (4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98° C, 20min). 3, Secondary antibody was diluted at 1:200

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