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Anti-EPN2 Antibody

Rabbit polyclonal antibody to EPN2
Catalog # AP60457

Product Information

Application	WB, IHC
Primary Accession	O95208
Other Accession	Q8CHU3
Reactivity	Human, Mouse, Rat, Zebrafish, Monkey, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68482

Additional Information

Gene ID	22905
Other Names	KIAA1065; Epsin-2; EPS-15-interacting protein 2
Target/Specificity	Recognizes endogenous levels of EPN2 protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

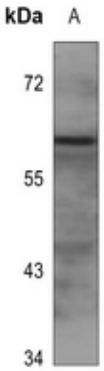
Protein Information

Name	EPN2
Synonyms	KIAA1065
Function	Plays a role in the formation of clathrin-coated invaginations and endocytosis.
Cellular Location	Cytoplasm. Cytoplasmic vesicle, clathrin-coated vesicle. Note=In punctate structures throughout the cell, associated with clathrin-coated vesicles, and particularly concentrated in the region of the Golgi complex
Tissue Location	Highest expression is found in brain. Detected at lower levels in lung and liver.

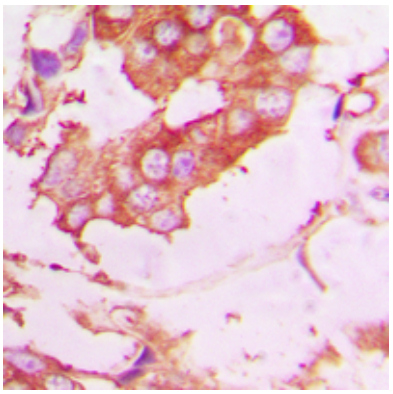
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EPN2. The exact sequence is proprietary.

Images



Western blot analysis of EPN2 expression in rat liver (A) whole cell lysates.



Immunohistochemical analysis of EPN2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.