Anti-UPK1A Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014396

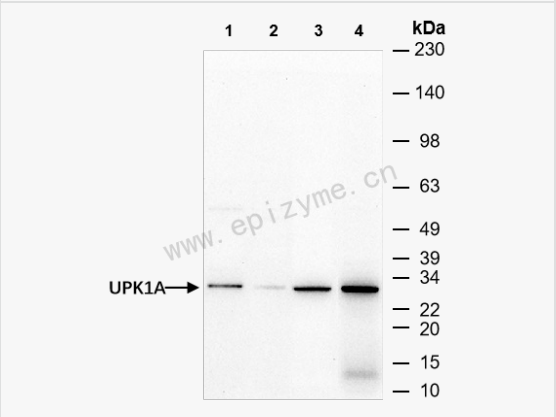
Product Information

Application	WB, ELISA
Reactivity	Rat, Mouse, Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	59A90I05
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human UPK1A
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-UPK1A Rabbit mAb [59A90I05] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ATG 1, ATG1, ATG1 autophagy related 1 homolog, ATG1A, Autophagy related protein 1 homolog, Autophagy-related protein 1 homolog, FLJ38455, FLJ46475, hATG1, KIAA0722, Serine/threonine protein kinase ULK1, Serine/threonine protein kinase Unc51.1, Serine/threonine-protein kinase ULK1, ULK 1, ULK1_HUMAN, Unc 51 (C. elegans) like kinase 1, UNC 51, Unc 51 like kinase 1, Unc-51 like kinase 1 (C. elegans), Unc-51-like kinase 1, C. elegans, homolog of, Unc51.1.
Calculated MW	Calculated MW: 29 kDa; Observed MW: 29 kDa
Uniprot ID	O00322
Gene ID	11045
Background	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is found in the asymmetrical unit membrane (AUM) where it can complex with other transmembrane 4 superfamily proteins. It may play a role in normal bladder epithelial physiology, possibly in regulating membrane permeability of superficial umbrella cells or in stabilizing the apical membrane

Validation Images



Western Blot - Anti-UPK1A Rabbit mAb [59A90I05]
All lanes: R014396 at 1:1,000 dilution
Lane 1: A431 (Human epidermoid teratoma cell line) whole cell lysates
Lane 2: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lane 3: Rat kidney whole tissue lysates
Lane 4: Rat spleen whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 29 kDa
Observed band size: 29 kDa
Developed using the ECL technique (Cat. No. SQ201).