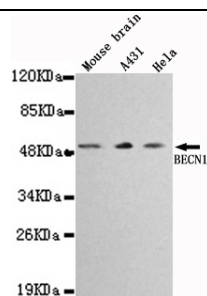




BECN1 Antibody

E2200675

- Catalog Number:** E2200675
- Size:** 100ug
- Host:** Mouse
- Formulation:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
- Sensitivity:** This antibody detects endogenous levels of BECN1 and does not cross-react with related proteins.
- Entrez summary:** Beclin-1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration (Zhong et al., 2009 [PubMed 19270693]).
- UniPort summary**
- Function:** Plays a central role in autophagy. Required for the abscission step in cytokinesis. May play a role in antiviral host defense. Protects against infection by a neurovirulent strain of Sindbis virus.
- Immunogen:** Purified recombinant human BECN1 protein fragments expressed in E.coli.
- Antibody Type:** Monoclonal antibody
- Isotype:** IgG1
- Purified method:** Affinity purified
- Subcellular location:** Golgi apparatus ? trans-Golgi network membrane; Peripheral membrane protein
- Reactivity:** H,M
- Applications:** WB
- Molecular Weight:** 55kDa
- UniProt number:** Q14457
- GeneBank ID:** NM_003766.3
- Gene symbol:** ATG6; VPS30; beclin1
- Alternate names:** Coiled-coil myosin-like BCL2-interacting protein Protein GT197



Western blot detection of BECN1 in Mouse brain, A431 & HeLa cell lysates using BECN1 antibody (1:1000 diluted). Predicted band size: 52KDa. Observed band size: 55KDa.

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