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BECN1 Polyclonal Antibody

Cat #: G-AB-05250

Host: Rabbit **Reactivity:** Human, Mouse

Isotype: IgG **Clonality:** Polyclonal

Overview:
Beclin-1 (BECN1), also known as ATG6 or VPS30, has a central role in autophagy, a process of programmed cell survival, which is increased during periods of cell stress and extinguished during the cell cycle. Beclin-1, may play a role in antiviral host defense. It protects against infection by a neurovirulent strain of Sindbis virus. Beclin-1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration. A progressively reduced Beclin-1 expression is reported to correlate with the primary tumor growth of squamous cell carcinoma and adenocarcinoma of the lung. Caspase-mediated cleavage of Beclin 1 promotes crosstalk between apoptosis and autophagy.

Gene ID:

Accession #:

Immunogen: KLH conjugated Synthetic peptide corresponding to Mouse Beclin1

Conjugation: Unconjugated

Swissprot: Q14457,O88597,Q91XJ1

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 2.6 mg/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: IHC,IF

Dilution: IHC 1:300-1:1000, IF 1:100-1:500

Storage: Store at -20°C. Avoid freeze / thaw cycles.