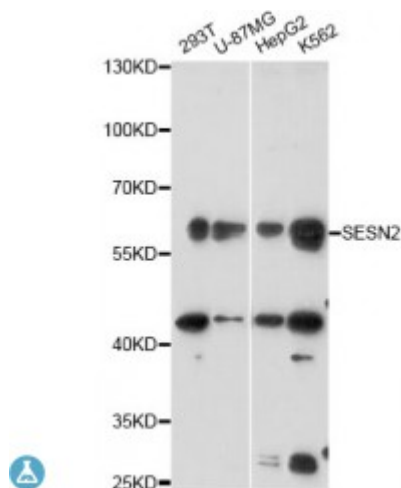


Anti-SESN2 Antibody



Description

This gene encodes a member of the sestrin family of PA26-related proteins. The encoded protein may function in the regulation of cell growth and survival. This protein may be involved in cellular response to different stress conditions.

Model	STJ116436
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 211-480 of human SESN2 (NP_113647.1).
Gene ID	83667
Gene Symbol	SESN2
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Widely expressed
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Sestrin-2
Molecular Weight	54.494 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:20746OMIM:607767Reactome:R-HSA-5628897
Alternative Names	Sestrin-2
Function	Functions as an intracellular leucine sensor that negatively regulates the TORC1 signaling pathway through the GATOR complex, In absence of leucine, binds the GATOR subcomplex GATOR2 and prevents TORC1 signaling ,
Cellular Localization	Cytoplasm
Post-translational Modifications	Phosphorylated by ULK1 at multiple sites,

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