

Summary

Production Name	SESN1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, FC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	SESN1
Alternative Names	PA26; SEST1
Gene ID	27244
SwissProt ID	Q9Y6P5.

Application

Dilution Ratio	WB: 1:1000-1:5000 FC: 1:100-1:500
Molecular Weight	Calculated MW:57 kDa; Observed MW:70 kDa

Background

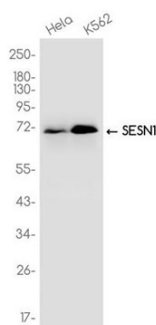
Product Name: SESN1 Rabbit Monoclonal Antibody
Catalog #: AMRe86534



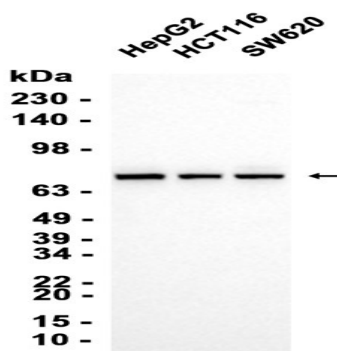
This gene encodes a member of the sestrin family. Sestrins are induced by the p53 tumor suppressor protein and play a role in the cellular response to DNA damage and oxidative stress. The encoded protein mediates p53 inhibition of cell growth by activating AMP-activated protein kinase, which results in the inhibition of the mammalian target of rapamycin protein. The encoded protein also plays a critical role in antioxidant defense by regenerating overoxidized peroxiredoxins, and the expression of this gene is a potential marker for exposure to radiation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]

Research Area

Image Data



Western blot analysis of extracts from HeLa, K562 cells using AMRe86534 at 1:1000.



Western blot analysis of extracts from HepG2, HCT116, SW620 cells using AMRe86534 at 1:3000.

Note

For research use only.