Recombinant SQSTM1/p62 Monoclonal Antibody

catalog number: **AN301383L**

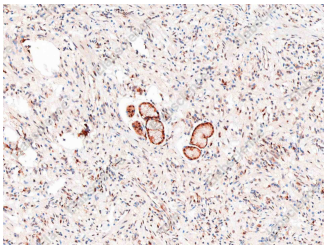
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

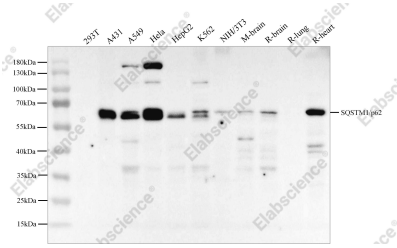
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human SQSTM1/p62 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111006
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:200-1000
WB	1:500-5000
IF	1:200-1000
ELISA	1:5000-20000
IP	1:50-200

Data



Immunohistochemical analysis of paraffin-embedded Human stomach tissue sections using SQSTM1/p62 Antibody (AN301383L) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of 293T,A431,A549,HeLa,HepG2,K562,NIH/3T3,Mouse brain,Rat brain,Rat lung and Rat heart cell lysates using SQSTM1/p62 Antibody (AN301383L) at a dilution of 1:750.

Observed-MW:60 kDa

Calculated-MW:48 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kapp a-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-kB in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for this gene. Mutations in this gene result in sporadic and familial Paget disease of bone.

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