

Phospho-SQSTM1/p62 (Ser403) Rabbit Polyclonal Antibody

Catalog #: EAB10282

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|------------------|----------|-------------------|
| Rabbit IgG | Polyclonal | WB, IHC-P, ELISA | 48 | Human, Mouse, Rat |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|--|--------------|
| WB (Western Blotting) | 1:500-2000 |
| IHC-P (Immunohistochemistry-Paraffin) | 1:50-300 |
| ELISA (Enzyme-linked Immunosorbent Assay) | 1:5000-20000 |

Product Information

| | |
|-----------------------|--|
| Conjugate | Unconjugate |
| Specificity | Phospho-SQSTM1/p62 (Ser403) Rabbit Polyclonal Antibody detects endogenous levels of SQSTM1/p62 protein only when phosphorylated at Ser403. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | Q13501 |
| Entrez-Gene Id | 8878 |

Product Description

Sequestosome 1 protein (SQSTM1), also designated p62 or ZIP is a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-κB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-κB 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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