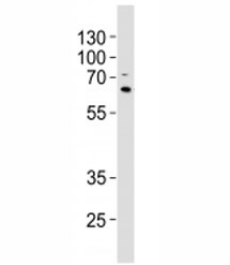
# p62 Antibody [clone 1336CT763.152.125] (F52989)

| Catalog No. | Formulation | Size |
|---|---|---|
| F52989-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F52989-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, k |
| **Clone Name** | 1336CT763.152.125 |
| **Purity** | Purified |
| **UniProt** | Q13501 |
| **Applications** | Western Blot : 1:1000 |
| **Limitations** | This p62 antibody is available for research use only. |




Western blot analysis of lysate from A549 cell line using p62 antibody at 1:1000. Observed molecular weight ~62 kDa.

## Description

Required both for the formation and autophagic degradation of polyubiquitin-containing bodies, called ALIS (aggresome-like induced structures). Links ALIS to the autophagic machinery via direct interaction with MAP1 LC3 family members. May regulate the activation of NFKB1 by TNF-alpha, nerve growth factor (NGF) and interleukin-1. May play a role in titin/TTN downstream signaling in muscle cells. May regulate signaling cascades through ubiquitination. Adapter that mediates the interaction between TRAF6 and CYLD (By similarity). May be involved in cell differentiation, apoptosis,

immune response and regulation of K(+) channels.

## Application Notes

Titration of the p62 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This p62 antibody was produced from mice immunized with a recombinant protein.

## Storage

Aliquot the p62 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.