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# Anti-p62 (Ser28) Antibody

Our Anti-p62 (Ser28) rabbit polyclonal phosphospecific primary antibody from PhosphoSolutions is pro
Catalog # AN1505

## Product Information

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| **Application** | WB |
| **Primary Accession** | Q13501 |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Calculated MW** | 47687 |

## Additional Information

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| **Gene ID** | 8878 |
| **Other Names** | A170 antibody, DMRV antibody, EBI 3 associated protein of 60 kDa antibody, EBI 3 associated protein p60 antibody, EBI3 associated protein of 60 kDa antibody, EBI3 associated protein p60 antibody, EBI3-associated protein of 60 kDa antibody, EBIAP antibody, FTDALS3 antibody, MGC127197 antibody, ORCA antibody, OSF-6 antibody, Osi antibody, OSIL antibody, Oxidative stress induced like antibody, p60 antibody, p62 antibody, p62B antibody, Paget disease of bone 3 antibody, PDB 3 antibody, PDB3 antibody, Phosphotyrosine independent ligand for the Lck SH2 domain of 62 kDa antibody, Phosphotyrosine independent ligand for the Lck SH2 domain p62 antibody, Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa antibody, PKC-zeta-interacting protein antibody, Protein kinase C-zeta-interacting protein antibody, Sequestosome 1 antibody, Sequestosome-1 antibody, SQSTM 1 antibody, SQSTM_HUMAN antibody, Sqstm1 antibody, STAP antibody, STONE14 antibody, Ubiquitin binding protein p62 antibody, Ubiquitin-binding protein p62 antibody, ZIP 3 antibody, ZIP antibody, ZIP3 antibody |
| **Target/Specificity** | p62, also known as sequestosome1 (SQSTM1), is a shuttle protein transporting polyubiquitinated proteins for both proteasomal and lysosomal degradation. p62 is an integral component of inclusions in brains of various neurodegenerative disorders, including Alzheimer disease (AD) neurofibrillary tangles (NFTs) and Lewy bodies in Parkinson disease (Nogalaska et al., 2009). p62 plays an important role in the protection of cells from the toxicity of misfolded proteins by enhancing aggregate formation especially in the later stages (Nakaso et al., 2004). Phosphorylation of Ser-28 has recently been demonstrated to be related to the pathogenesis of Parkinson's disease. |
| **Dilution** | WB~~1:1000 |
| **Format** | Antigen Affinity Purified from Pooled Serum |
| **Storage** | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store |

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| | at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | Anti-p62 (Ser28) Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |
| **Shipping** | Blue Ice |

## Background

p62, also known as sequestosome1 (SQSTM1), is a shuttle protein transporting polyubiquitinated proteins for both proteasomal and lysosomal degradation. p62 is an integral component of inclusions in brains of various neurodegenerative disorders, including Alzheimer disease (AD) neurofibrillary tangles (NFTs) and Lewy bodies in Parkinson disease (Nogalaska et al., 2009). p62 plays an important role in the protection of cells from the toxicity of misfolded proteins by enhancing aggregate formation especially in the later stages (Nakaso et al., 2004). Phosphorylation of Ser-28 has recently been demonstrated to be related to the pathogenesis of Parkinson’s disease.

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