10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

p62 (Ser28) Antibody
Rabbit Polyclonal Antibody
Catalog # AN1286

Specification

p62 (Ser28) Antibody - Product Information

Application	**WB**
Primary Accession	Q13501
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**47687**

p62 (Ser28) Antibody - Additional Information

Gene ID	**8878**
Gene Name	**SQSTM1**

Target/Specificity
Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser28 conjugated to KLH

Dilution
WB~~ 1:500

Format
Antigen Affinity Purified from Pooled Serum

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
p62 (Ser28) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping
Blue Ice

p62 (Ser28) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

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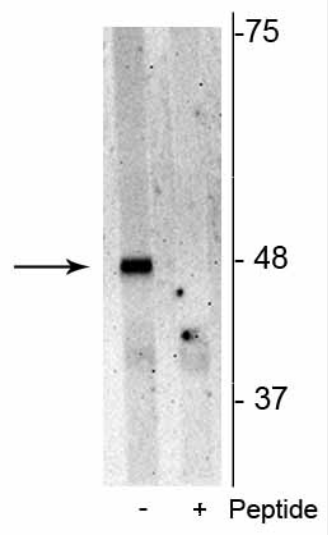
- Flow Cytomety
- Cell Culture

p62 (Ser28) Antibody - Images



Western blot of Jurkat cell lysate showing specific immunolabeling of the ~48 kDa p62 phosphorylated at Ser28 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is blocked by preadsorption of the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide (not shown).

p62 (Ser28) Antibody - 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