



**Product:** Anti-p62 Protein, C-Terminal Specific  
**Catalog #:** 03-GP62-C  
**Amount:** 25 µl

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**CATEGORY:** Guinea pig Polyclonal  
**FORM:** Serum containing 0.1% sodium azide  
**IMMUNOGEN:** C-terminal domain (20 amino acids: C-NYD IGA ALD TIQ YSK HPP PL) of human p62 protein, coupled with KLH. This peptide sequence is identical in human, monkey, bovine, mouse, and rat  
**DESCRIPTION/SPECIFICITY:** Human 62 kD (p62) protein, present in intracytoplasmic inclusions (e.g. hyaline bodies) of hepatocellular carcinoma. P62 protein has been found in many tissues and cells, including lymphoid cells, serving probably a common cellular signal transduction mechanism. The antiserum stains also neurofibrillary tangles in the brain of patients suffering from Alzheimer's disease.  
**Note: The p62 antigen might be susceptible to proteolytic degradation. We recommend to use protease inhibitors during sample preparation**

**Synonyms:** SQSTM1, Sequestosome 1, Ubiquitin-binding protein

**ANTIGEN RECOGNIZED IN SPECIES (tested so far):** Human, Rat, Mouse, Monkey, Bovine  
**APPLICATION:** Immunohistochemistry on frozen and paraffin sections (enhanced after microwave treatment)  
Cytological material  
Immunoblotting  
**WORKING DILUTION:** 1:100 for immunohistochemistry  
1:1,000 for immunoblotting (ECL method)  
**INCUBATION TIME:** 1 hour at room temperature extended for paraffin sections  
**DILUTION BUFFER:** PBS with 0.5% BSA and 0.1% Na-Azide  
**STORAGE:** 2-8°C  
Avoid repeated freeze and thaw cycles

**REFERENCES:**  
Stumptner, C. et al. (1999) Am. J. Pathol. **154**: 1701-1710  
Janig, E. et al. (2005) Eur J Cell Biol. **84**: 329-339  
Kuusisto, E. et al. (2007) Neuropathology & Applied Neurobiology, pp 1-12  
Aishima S et al. (2010) Am J Clin Pathol 134: 457-465  
Itakura E et al. (2011) J Cell Bio 192: 17-27

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