anti-p62 / SQSTM1 (C-terminus) guinea pig polyclonal, serum

Cat. No. GP62-C
Quantity 100 µL

Product description

Host guinea pig
Antibody Type polyclonal
Immunogen C-terminal domain (20 amino acids: C-NYD IGA ALD TIQ YSK HPP PL) of human p62 protein, coupled to KLH. This peptide sequence is identical in human, monkey, bovine, mouse, and rat.
Purification stabilized antiserum
Conjugate unconjugated
Formulation contains 0.09% sodium azide
Storage short term at 2 – 8 °C; long term storage in aliquots at -20 °C; avoid freeze/thaw cycles
Tested species reactivity human, mouse, rat

Applications

Tested applications Tested dilutions
Immunohistochemistry (IHC) - frozen 1:100 – 1:600
Immunohistochemistry (IHC) - paraffin 1:100 – 1:600 (microwave treatment recommended)
Western Blot (WB) 1:1,000 – 1:2,000

Background

Human 62 kD (p62) protein, is present in intracytoplasmic inclusions (e.g. hyaline bodies) of hepatocellular carcinoma. p62 protein (also described as ubiquitin-binding protein; sequestosome 1; SQSTM1) has been found in many tissues and cells, including lymphoid cells, serving probably a common cellular signal transduction mechanism (e.g. ubiquitin-associated degradation and autophagy).
The antiserum stains also neurofibrillary tangles in the brain of patients suffering from Alzheimer's disease.

Positive western blot control lysate available:
PLC western blot control, Cat. No. 64002
PLC western blot control, large, Cat. No. 64002L
Reference