**German Research Products - GRP GmbH** 

In der Stockwiese 26

D-85410 Haag/Amper, Germany

Email: info@grp-ak.de Phone: +49 (0)8167 6335

## **Product Datasheet**

## **SQSTM1** Polyclonal Antibody **GRP495**

Description Autophagy receptor that interacts directly with both the cargo to

become degraded and an autophagy modifier of the MAP1 LC3 family. Required both for the formation and autophagic degradation of polyubiquitin-containing bodies, called ALIS (aggresome-like induced structures) and links ALIS to the autophagic machinery. Involved in midbody ring degradation. 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.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

**Tested Applications** IHC-P, WB

KLH conjugated synthetic peptide derived from human **Immunogen** 

SQSTM1/Ubiquitin-binding protein p62 (public immunogen range

80-130/440)

Aqueous buffered solution containing 1% BSA, 50% glycerol and Form/Appearance

0.09% sodium azide.

Concentration 1ug/ul

Store at -20°C for 12 months. Storage

For research use only. Note

Isotype IqG

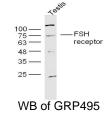
Clonality Polyclonal

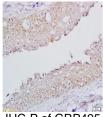
**Purity** Purified by Protein A.

**Uniprot ID** Q13501

**Entrez** 8878

WB: 1:300-1000, IHC-P: 1:200-400 **Dilution Range** 





IHC-P of GRP495