

**Product:** Anti-S3-12, C-terminal

**Catalog #:** 03-GP34

**Amount:** 25 µl

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**CATEGORY:** Guinea pig Polyclonal (GP34 hCT B)  
**FORM:** Stabilized Antiserum, containing 0.1% sodium azide  
**IMMUNOGEN:** Synthetic Peptide of human S3-12 (aa 1394-1410, C-terminal) conjugated to KLH (Sequence: C-QGLEQLLEGLQHNPPLS)  
**DESCRIPTION/SPECIFICITY:** Specific for S3-12, 140 kDa (SDS-PAGE).  
S3-12 pertains to PAT-family proteins, covering the surface of Cytoplasmic lipid droplets  
Additional PAT-family proteins include adipophilin (ADRP), perilipin, TIP47, and MLDP (OXPAT/PAT-1 or LSDP5) which are expressed in differentiation related stages of lipid metabolism  
**ANTIGEN RECOGNIZED IN SPECIES (tested so far):** Human  
**REACTIVITIES IN CULTURE**  
**CELL LINES (tested so far):** PLC (human)  
**APPLICATION:** Immunohistochemistry on cells and frozen tissues  
Immunoblotting (western, ECL)  
Cytological material  
**WORKING DILUTION:** 1:100 - 1:200 for Immunohistochemistry applications  
1:2000 for Immunoblotting (western, ECL)  
**INCUBATION TIME:** 1 hour at room temperature (extended with paraffin)  
**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)

**REFERENCES:**  
Wolins, NE. et al. (2005) J Biol Chem **280**: 19146-19155  
Dalen, KT et al. (2004) Diabetes **53**: 1243-1252

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