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**Research Use Only. Not  
for diagnostic or  
therapeutic use.**

Storage: Aliquot and store at  
-20°C. Minimize freezing and  
thawing.

## **Product: EB06809 – Goat anti-Lipophilin B / SCGB1D2 antibody**

*This product is one of a range of **Investigative Grade** antibodies, made against targets that have limited or no commercial antibodies available to them and for which there are no data on the expression of the protein in the range of common cell lines and tissues available to us. These antibodies are affinity purified using their peptide immunogen and are known to give low background staining in a western blot (see Application Notes below). However no additional claims are made for their ability to recognise native protein in any application.*

### **Target Protein**

Principal Names: SCGB1D2; secretoglobin, family 1D, member 2; HGNC:18396; LIPB; LPHB ; lipophilin B; lipophilin B (uteroglobin family member), prostatein-like; prostatein-like lipophilin B

Official Gene Symbol: SCGB1D2

Accession Number(s): NP\_006542.1

Human Gene ID(s): 10647

### **Immunogen**

Peptide with sequence CTDQMSLQKRSLIAE, from the internal region of the protein sequence according to NP\_006542.1

### **Purification**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied as 100 µg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32,000. Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as small as the calculated size of 9.9kDa according to NP\_006542.1. Therefore we cannot recommend an optimal concentration and the product is investigative grade. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### **Species Reactivity**

Tested:

Expected from sequence similarity: Human

### **Background Reference**

Carter D, Dillon DC, Reynolds LD, Retter MW, Fanger G, Molesh DA, Sleath PR, McNeill PD, Vedvick TS, Reed SG, Persing DH, Houghton RL.

Serum antibodies to lipophilin B detected in late stage breast cancer patients.

Clin Cancer Res. 2003 Feb;9(2):749-54.

PMID: 12576445

