

## Product datasheet

# Anti-Uteroglobin antibody ab40873

★★★★☆ 6 Abreviews 17 References 4 图像

### 概述

|       |  |
|-------|--|
| 产品名称  | Anti-Uteroglobin抗体   |
| 描述    | 兔多克隆抗体to Uteroglobin   |
| 宿主    | Rabbit   |
| 经测试应用 | 适用于: IHC-P, ELISA, ICC/IF, WB, IHC-Fr  |
| 种属反应性 | 与反应: Mouse, Rat, Human   |
| 免疫原   | Recombinant rat uteroglobin His fusion protein.  |
| 常规说明  | This antibody is useful for distinguishing ciliated from non-ciliated cells in the adult mouse lung. |

### 性能

|                    |   |
|--------------------|---|
| 形式                 | Liquid  |
| 存放说明               | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液               | Preservative: 0.01% Sodium azide<br>Constituent: Whole serum  |
| 纯度                 | Whole antiserum   |
| Primary antibody说明 | This antibody is useful for distinguishing ciliated from non-ciliated cells in the adult mouse lung.    |
| 克隆                 | 多克隆   |
| 同种型                | IgG   |

### 应用

Our [Abpromise guarantee](#) covers the use of **ab40873** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

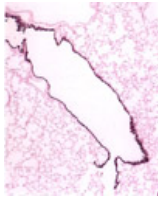
| 应用    | Ab评论  | 说明  |
|-------|-------|---|
| IHC-P | ★★★★★ | 1/1600.   |
| ELISA |       | Use at an assay dependent concentration. PubMed: 21787397 |

| 应用     | Ab评论  | 说明  |
|--------|-------|---|
| ICC/IF |       | Use at an assay dependent concentration. PubMed: 24367567 |
| WB     | ★★★★☆ | 1/5000. Predicted molecular weight: 10 kDa.               |
| IHC-Fr | ★★★★☆ | Use at an assay dependent concentration.                  |

## 靶标

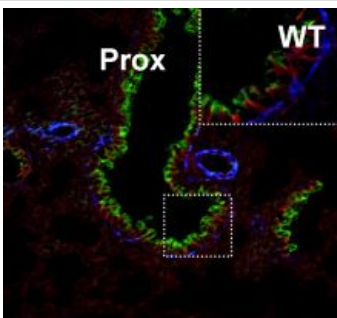
|       |   |
|-------|---|
| 功能    | Binds phosphatidylcholine, phosphatidylinositol, polychlorinated biphenyls (PCB) and weakly progesterone, potent inhibitor of phospholipase A2. |
| 组织特异性 | Clara cells (nonciliated cells of the surface epithelium of the pulmonary airways).   |
| 序列相似性 | Belongs to the secretoglobin family.  |
| 细胞定位  | Secreted.   |

## 图片



Adult mouse lung was embedded in paraffin and stained with ab40873 (1:1600 dilution).

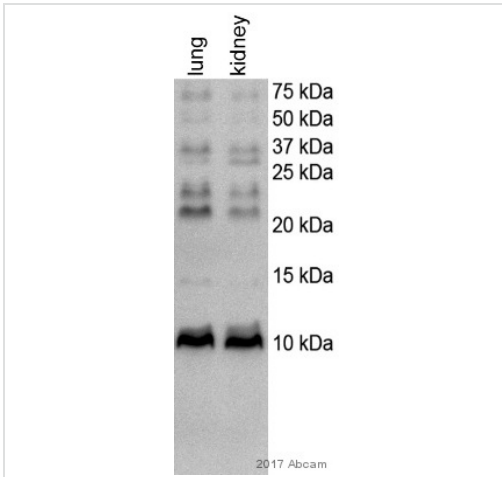
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Uteroglobin antibody (ab40873)



ab40873 at 1/1600 dilution staining Uteroglobin in mouse embryo tissue section by Immunohistochemistry (Frozen sections). Frozen tissue slides were fixed in 4% paraformaldehyde and antigen retrieval was performed for 10 minutes in microwave oven in 0.01 M citrate buffer pH6. ab40873 stains green in proximal lung section from wild type mouse embryo as shown in image.

Immunohistochemistry (Frozen sections) - Anti-Uteroglobin antibody (ab40873)

Image from Nyeng P et. al., BMC Dev Biol. 2008; 8: 2 (Fig. 6D)



Western blot - Anti-Uteroglobin antibody (ab40873)

This image is courtesy of an anonymous Abreview.

**All lanes :** Anti-Uteroglobin antibody (ab40873) at 1/5000 dilution

**Lane 1 :** Mouse lung whole tissue lysate with Milk

**Lane 2 :** Mouse kidney whole tissue lysate with Milk

Lysates/proteins at 20 µg per lane.

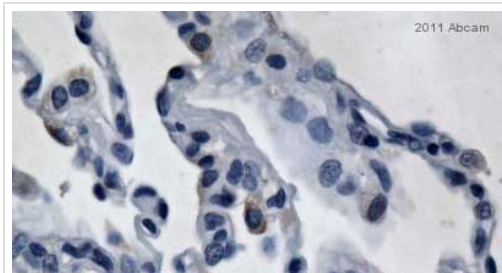
Blocking peptides at 5 % per lane.

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 10 kDa

**Exposure time:** 30 seconds



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Uteroglobin antibody (ab40873)

Image courtesy of an anonymous Abreview.

ab40873 staining Uteroglobin in human lung parenchyma tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Tissue was fixed with formaldehyde and a heat mediated antigen retrieval step was performed using 10mM citrate buffer. Samples were then blocked with 1% BSA, 0.1% Triton-X/ PBS for 15 minutes at 18°C followed by incubation with the primary antibody at a 1/500 dilution for 16 hours at 4°C. An HRP-conjugated pig anti-rabbit polyclonal was used as secondary antibody at a 1/100 dilution.

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