

Product datasheet

# Anti-Frizzled 7 antibody ab14472

概述

<b>产品名称</b>	Anti-Frizzled 7抗体
<b>描述</b>	兔多克隆抗体to Frizzled 7
<b>经测试应用</b>	<b>适用于:</b> WB
<b>种属反应性</b>	<b>与反应:</b> Mouse
<b>免疫原</b>	Synthetic peptide: MRGPGTAASHSPC , corresponding to amino acids 1-12 of Mouse Frizzled 7. <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	Preservative: 0.02% Sodium Azide Constituents: 40% Glycerol, PBS, pH 7.2
<b>纯度</b>	Immunogen affinity purified
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab14472** 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
WB		1/250 - 1/500. Predicted molecular weight: 64 kDa.

靶标

**功能** Receptor for Wnt proteins. Most of frizzled receptors are coupled to the beta-catenin canonical

signaling pathway, which leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. A second signaling pathway involving PKC and calcium fluxes has been seen for some family members, but it is not yet clear if it represents a distinct pathway or if it can be integrated in the canonical pathway, as PKC seems to be required for Wnt-mediated inactivation of GSK-3 kinase. Both pathways seem to involve interactions with G-proteins. May be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues.

**组织特异性**

High expression in adult skeletal muscle and fetal kidney, followed by fetal lung, adult heart, brain, and placenta. Specifically expressed in squamous cell esophageal carcinomas.

**序列相似性**

Belongs to the G-protein coupled receptor Fz/Smo family.  
Contains 1 FZ (frizzled) domain.

**结构域**

Lys-Thr-X-X-X-Trp motif is involved in the activation of the Wnt/beta-catenin signaling pathway. The FZ domain is involved in binding with Wnt ligands.

**细胞定位**

Membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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