



Product datasheet

Anti-ODR4/TTG1 antibody ab121495

[1 References](#) [4 Images](#)

Overview

Product name	Anti-ODR4/TTG1 antibody
Description	Rabbit polyclonal to ODR4/TTG1
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P, WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human ODR4/TTG1 aa 339-421. Sequence: FHVLPYRVFVPLPGSTVMLCDYKFDDSAEEIRDHFMEM LDHTIQIEDLE IAEETNTACMSSSMNSQASLDNTDDEQPKQPIK  Run BLAST with  Run BLAST with
Positive control	Human pancreas tissue; RT-4 and U-251 MG cell lysates; Human Liver lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab121495 in the following tested applications.

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

Application	Abreviews	Notes
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/200 - 1/500.
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 51 kDa.

Target

Function

May play a role in the trafficking of a subset of G-protein coupled receptors.

Tissue specificity

Ubiquitously expressed.

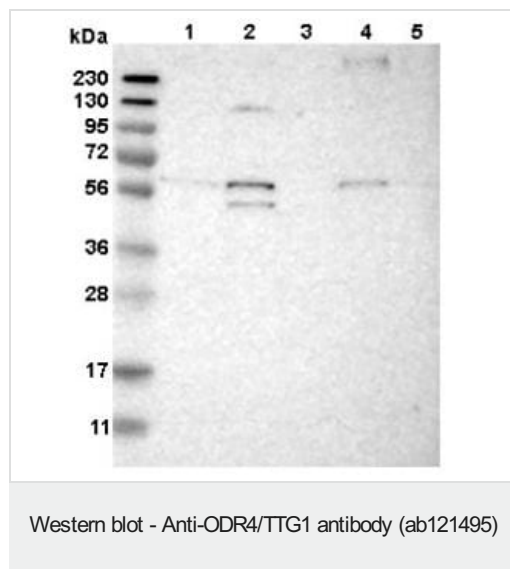
Sequence similarities

Belongs to the ODR-4 family.

Cellular localization

Membrane.

Images



All lanes : Anti-ODR4/TTG1 antibody (ab121495) at 1/250 dilution

Lane 1 : RT-4 cell lysate

Lane 2 : U-251 MG cell lysate

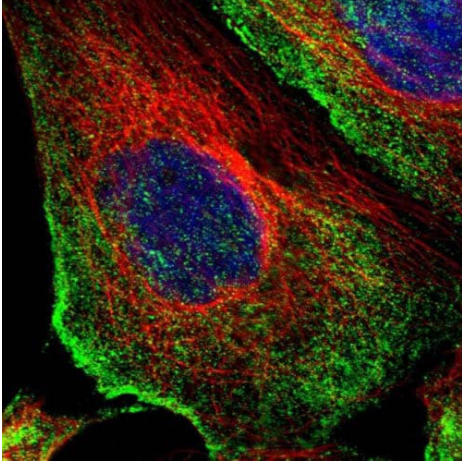
Lane 3 : Human Plasma lysate

Lane 4 : Human Liver lysate

Lane 5 : Human Tonsil lysate

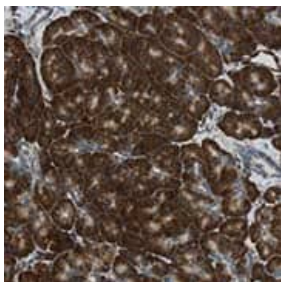
Predicted band size: 51 kDa

Developed using the ECL technique



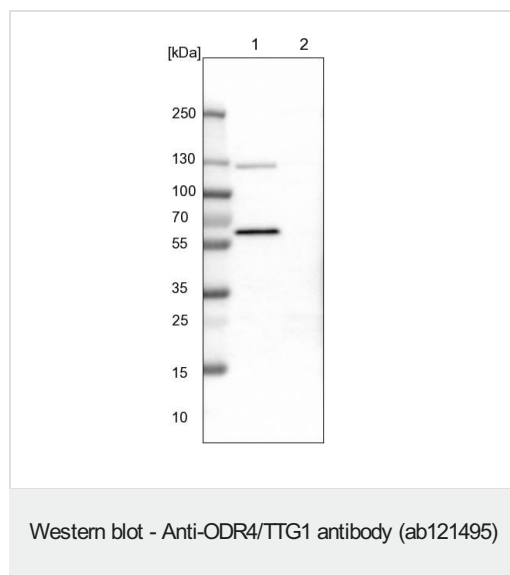
Immunocytochemistry/ Immunofluorescence - Anti-ODR4/TTG1 antibody (ab121495)

Immunofluorescent staining of Human cell line A-431 shows positivity in plasma membrane. Recommended concentration of ab121495 1-4 µg/ml. Cells treated with PFA/Triton X-100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ODR4/TTG1 antibody (ab121495)

ab121495 staining ODR4/TTG1 in paraffin-embedded Human pancreas tissue by Immunohistochemistry.



Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)

Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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