

Anti-OFD1 Antibody Picoband® Biotin Conjugated

Catalog Number: A02955-1-Biotin

About OFD1

Oral-facial-digital syndrome 1 protein is a protein that in humans is encoded by the OFD1 gene. This gene is mapped to Xp22.2. This gene is located on the X chromosome and encodes a centrosomal protein. A knockout mouse model has been used to study the effect of mutations in this gene. The mouse gene is also located on the X chromosome, however, unlike the human gene it is not subject to X inactivation. Mutations in this gene are associated with oral-facial-digital syndrome type I and Simpson-Golabi-Behmel syndrome type 2. Many pseudogenes have been identified; a single pseudogene is found on chromosome 5 while as many as fifteen have been found on the Y chromosome.

Overview

Product Name	Anti-OFD1 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O75665

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human OFD1, which shares 75.9% and 86.2% amino acid (aa) sequence identity with mouse and rat OFD1, respectively.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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