For Research Use Only

# C4orf26 Polyclonal antibody

Catalog Number:30132-1-AP

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## Basic Information

Catalog Number:
30132-1-AP

Size:
400 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG32600

GenBank Accession Number:
NM_001206981

GeneID (NCBI):
152816

UNIPROT ID:
Q17RF5

Full Name:
chromosome 4 open reading frame 26

Calculated MW:
16kd

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IHC 1:50-1:500

## Applications

Tested Applications:
IHC, ELISA

Species Specificity:
human

***Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0***

Positive Controls:

IHC : human placenta tissue,

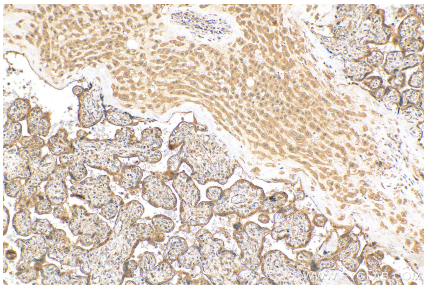
## Background Information

Chromosome 4 open reading frame 26 (C4orf26), also known as odontogenesis associated phosphoprotein (ODAPH), is an enamel matrix protein at the maturation stage. It has been reported that mutations in C4orf26 gene are associated with autosomal recessive type of Amelogenesis Imperfecta (AI), a hereditary condition that affects enamel formation/mineralization (PMID: 33884476; PMID: 36163390).

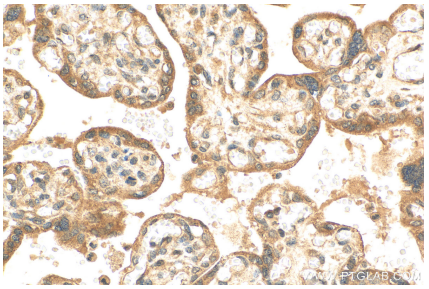
## Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 30132-1-AP (C4orf26 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 30132-1-AP (C4orf26 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).