

DNAxPAb

Hard-to-Find
Antibody

P4HA2 DNAxPab

Catalog # H00008974-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human P4HA2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — P4HA2

Entrez GeneID	8974
GeneBank Accession#	NM_001017973.1
Protein Accession#	NP_001017973.1
Gene Name	P4HA2
Gene Alias	-
Gene Description	prolyl 4-hydroxylase, alpha polypeptide II
Omim ID	600608
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a component of prolyl 4-hydroxylase, a key enzyme in collagen synthesis composed of two identical alpha subunits and two beta subunits. The encoded protein is one of several different types of alpha subunits and provides the major part of the catalytic site of the active enzyme. In collagen and related proteins, prolyl 4-hydroxylase catalyzes the formation of 4-hydroxyproline that is essential to the proper three-dimensional folding of newly synthesized procollagen chains. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]
Other Designations	4-PH alpha 2[C-P4Halpha(II)]OTTHUMP00000065966 OTTHUMP00000065967 OTTHUMP00000065968 OTTHUMP00000065969 collagen prolyl 4-hydroxylase alpha(II) procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide II prolyl 4-hydrox

Pathway

- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)

Disease

- [Bronchiolitis](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)