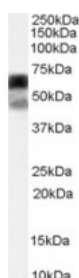




P4HA1 Antibody

CATALOG NUMBER: 46-124



Western Blot (0.2ug/ml) staining of HEK293 cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 60kDa band observed in lysates of cell lines HEK293, A431 and NIH3T3 (calculated MW of 61.0kDa according to NP_000908.2 and NP_001017962.1). Recommended concentration: 0.1-0.1ug/ml. An additional band of unknown identity was also co
POSITIVE CONTROL:	1) Cat. No. 1210 - 293 Cell Lysate
SPECIFICITY:	This antibody is expected to recognise both reported isoforms (NP_000908.2 and NP_001017962.1).
IMMUNOGEN:	P4HA1 antibody was raised against a 13 amino acid synthetic peptide near the internal region of P4HA1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	P4HA1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	P4HA1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	P4HA1, procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide I, 4-PH alpha-1, P4HA, prolyl 4-hydroxylase, alpha I subunit
ACCESSION NO.:	NP_000908.2, NP_001017962.1
PROTEIN GI NO.:	63252886

OFFICIAL SYMBOL: P4HA1

GENE ID: 5033

Background

REFERENCES: 1) Annunen P, Helaakoski T, Myllyharju J, Veijola J, Pihlajaniemi T, Kivirikko KI. Cloning of the human prolyl 4-hydroxylase alpha subunit isoform alpha(II) and characterization of the type II enzyme tetramer. The alpha(I) and alpha(II) subunits do not form a mixed alpha(I)alpha(II)beta2 tetramer. J Biol Chem. 1997 Jul 11;272(28):17342-8.

FOR RESEARCH USE ONLY

December 22, 2016