Datasheet for ABIN6746738

anti-COL4a3 antibody (AA 375-424)

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Overview

Quantity:	100 µL
Target:	COL4a3 (COL4A3)
Binding Specificity:	AA 375-424
Reactivity:	Human, Mouse, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL4a3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa375-424 of human COL4A3. Percent identity by BLAST analysis: Human, Gorilla, Mouse (100%), Marmoset, Bat (92%), Horse (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human COL4A3
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Horse (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	COL4a3 (COL4A3)
Alternative Name:	COL4A3 / Tumstatin (COL4A3 Products)

Target Details

Background:	Name/Gene ID: COL4A3 Family: Collagen Synonyms: COL4A3, Collagen alpha-3(IV) chain, Collagen alpha 3(iv), Goodpasture antigen, Tumstatin
Gene ID:	1285
UniProt:	Q01955
Pathways:	Sensory Perception of Sound, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in:	Mikita, Campbell, Wu, Williamson, Schindler: "Requirements for interleukin-4-induced gene expression and functional characterization of Stat6." in: **Molecular and cellular biology**, Vol. 16,

Publications

Issue 10, pp. 5811-20, (1996) (PubMed).

Hou, Schindler, Henzel, Ho, Brasseur, McKnight: "An interleukin-4-induced transcription factor: IL-4 Stat." in: **Science (New York, N.Y.)**, Vol. 265, Issue 5179, pp. 1701-6, (1994) (PubMed).

Images

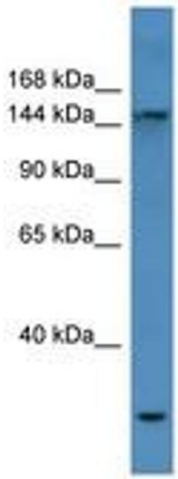

Image 1.