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Datasheet for ABIN6746737

anti-COL4a3 antibody (AA 793-842)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	COL4a3 (COL4A3)
Binding Specificity:	AA 793-842
Reactivity:	Human, Monkey, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL4a3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa793-842 of human COL4A3. Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Marmoset (100%), Rat, Bovine, Horse, Pig (92%), Mouse, Elephant, Guinea pig (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human COL4A3
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Bovine, Horse, Pig (92%) Rat, Guinea pig (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	COL4a3 (COL4A3)
Alternative Name:	COL4A3 / Tumstatin (COL4A3 Products)
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: Arcaro, Volinia, Zvelebil, Stein, Watton, Layton, Gout, Ahmadi, Downward, Waterfield: "Human phosphoinositide 3-kinase C2beta, the role of calcium and the C2 domain in enzyme activity." in: **The Journal of biological chemistry**, Vol. 273, Issue 49, pp. 33082-90, (1999) ([PubMed](#)).

Images



Image 1.