Datasheet for ABIN5515938

anti-COL4a5 antibody (Middle Region)

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Overview

Quantity:	100 µL
Target:	COL4a5 (COL4A5)
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL4a5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human COL4A5
Sequence:	PGPPGSPGDK GLQGEQGVKG DKGDTCFNCI GTGISGPPGQ PGLPGLPGPP
Purification:	Affinity purified

Target Details

Target:	COL4a5 (COL4A5)
Alternative Name:	COL4A5 (COL4A5 Products)
Background:	This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. Mutations in this gene are associated with X-linked Alport syndrome, also known as hereditary nephritis. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene so

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Target Details

	that each gene pair shares a common promoter. Alternatively spliced transcript variants have been identified for this gene. Alias Symbols: ATS, ASLN, CA54 Protein Size: 695
Gene ID:	1287
NCBI Accession:	NM_000495, NP_000486
UniProt:	Q49AM6
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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