

CAB22870

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## Product Information

<b>Product SKU:</b>	CAB22870	<b>Gene ID:</b>	1286	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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## Additional Information

<b>Observed MW:</b>	160kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	164kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. This particular collagen IV subunit, however, is only found in a subset of basement membranes. 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 that each gene pair shares a common promoter. Mutations in this gene are associated with type II autosomal recessive Alport syndrome (hereditary glomerulonephropathy) and with familial benign hematuria (thin basement membrane disease). Two transcripts, differing only in their transcription start sites, have been identified for this gene and, as is common for collagen genes, multiple polyadenylation sites are found in the 3' UTR.
<b>Recommended Dilution:</b>	WB, 1:500 - 1:1000
<b>Synonyms:</b>	BFH; ATS2; BFH1; CA44; COL4A4
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant protein of human COL4A4.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.