

Catalog Number	A9809
Synonyms	ATS; ASLN; ATS1; CA54; COL4A5
Reactivity	Human
Tested applications	ELISA,WB,IF/ICC
Host species	Rabbit
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 that each gene pair shares a common promoter. Alternatively spliced transcript variants have been identified for this gene.
Gene Id	1287
Isotype	IgG
Purity	Affinity purification
Swiss Prot	P29400
Recommended dilution	WB,1:500 - 1:2000 IF/ICC,1:500 - 1:1000
CALCULATED MW	161kDa
OBSERVED MW	161kDa
IMMUNOGEN	Recombinant fusion protein containing a sequence corresponding to amino acids 1462-1691 of human COL4A5 (NP_203699.1).
POSITIVE SAMPLES	22Rv1,NCI-H460,HepG2
CELLULAR LOCALIZATION	Secreted,basement membrane,extracellular matrix,extracellular space,
STORAGE BUFFER	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

FOR RESEARCH USE ONLY. NOT FOR THERAPEUTIC OR DIAGNOSTIC APPLICATIONS. READ THROUGH ALL PROCEDURES BEFORE USE.