

## Product datasheet for **TA190309**

### CAS9 Rabbit Polyclonal Antibody

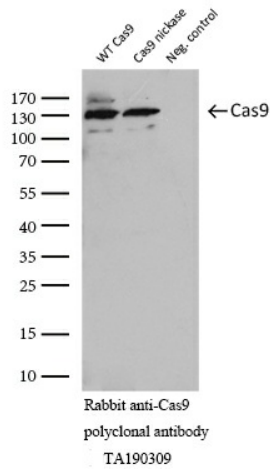
#### Product data:

Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	WB 1:500
Reactivity:	Streptococcus Pyogenes
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within <i>S. Pyogenes</i> enzyme cas9 (Used in OriGene CRISPR/Cas9 Genome Editing system ).
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.

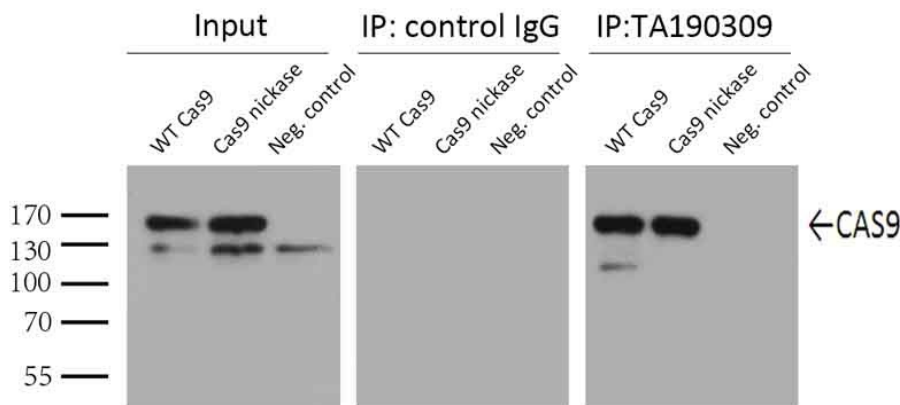


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Product images:



HEK293T were transfected with either WT CAS9 plasmid ([GE100002]), CAS9 nickase plasmid ([GE100019]) or control vector ([PS100001]). Equivalent amount of each cell lysates (10ug per lane) were immunoblotted with TA190309 (1:2000).



Immunoprecipitation of WT Cas9 and Cas9 nickase by using TA190309. HEK293T were transfected with either WT CAS9 plasmid ([GE100002]), CAS9 nickase plasmid ([GE100019]), or negative control vector ([PS100001]). Input: 10ug total cell lysates; WB was performed using TA190309 (1:2000). IP: 100ug of cell lysates were precipitated with 20ug of TA190309 or control antibody, and 5ug Protein G Beads. Mouse anti-DDK monoclonal antibody (TA50011) was used in WB to detect the immuno-precipitated Cas9 (as Cas9 is Myc-DDK tagged).