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**Product Name: Human kappa Light Chain Rabbit Polyclonal Antibody****Catalog #: APRab00904**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	Calculated MW: 12 kDa; Observed MW: 25 kDa

**Antigen Information**

<b>Gene Name</b>	IGKC
<b>Alternative Names</b>	HCAK1; Ig kappa chain C region; IGKC; IMMUNOGLOBULIN InV; Km
<b>Gene ID</b>	3514.0
<b>SwissProt ID</b>	P01834
<b>Immunogen</b>	Full length native protein

**Background**

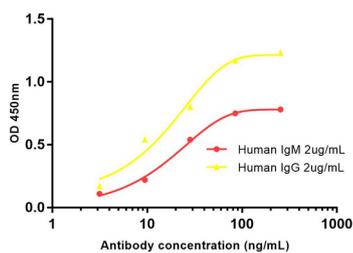
Constant region of immunoglobulin light chains. Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound

immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulins-secreting plasma cells.

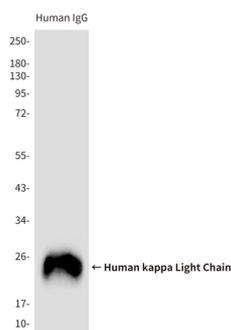
## Research Area

Immunology

## Image Data



Indirect ELISA assay for Rabbit Human kappa light chain antibody. Antigen coating concentration: 2ug/ml.



Western blot analysis of Human kappa Light Chain in total Human IgG reduced and denatured in 2X SDS loading buffer with DTT using Human kappa Light Chain antibody