

Anti-AK4 antibody (1-223) (STJ115422)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

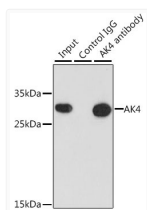
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 25kDa Observed Mw: 25kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

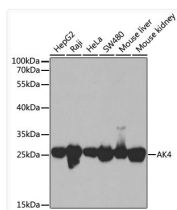
Gene ID	205
Gene Symbol	AK4
UniProt ID	KAD4_HUMAN
Immunogen Region	1-223
Immunogen Sequence	MASKLLRAVLGPPGSGKGT VCORIAQNFGLOHLSGHFL RENIKASTEVGEMAKQYIEK SLLVPDHWITRLMMSELENR RGQHWLLDGFPRTLGQAEAL DKICEVDLVISLNIPFETLK DRLSRRWIHPSPGRVYNLDF NPPHVHGIDDDVTGEPLVQQE DDKPEAAARLRQYKDVAKP VIELYKSRGVLHQFSGTETN KIWPYVYTLFSNKITPIQSK EAY
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-223 of human AK4 (NP_037542.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunoprecipitation analysis of 200 Mu g extracts of HepG2 cells, using 3 Mu g AK4 antibody (STJ115422). Western blot was performed from the immunoprecipitate using AK4 antibody (STJ115422) at a dilution of 1:1000.



Western blot analysis of various lysates using AK4 Rabbit polyclonal antibody (STJ115422) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST.