

Anti-GSTK1 antibody (1-226) (STJ11104362)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

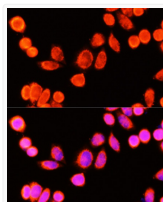
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS 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

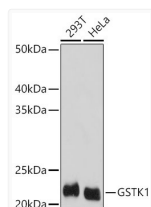
Gene ID	373156
Gene Symbol	GSTK1
UniProt ID	GSTK1_HUMAN
Immunogen Region	1-226
Immunogen Sequence	MGPLPRTVELFYDVLSPYSW LGFEILCRYQNIWNINLQLR PSLITGIMKDSGNKPPGLLP RKGLYMANDLKLLRHHLQIP IHFPKDFLSVMLEKGSLSAM RFLTAVNLEHPEMLEKASRE LWMRVWSRNEDITEPQSILA AAEKAGMSAEQAQGLLEKIA TPKVKNQLKETTEAACRYGA FGLPITVAHVDGQTHMLFGS DRMELLAHLLGEKWMGPIPP AVNARL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-226 of human GSTK1 (NP_057001.1).

ADDITIONAL INFORMATION

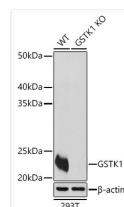
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of HeLa cells using [KO Validated] GSTK1 Rabbit polyclonal antibody (STJ11104362) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using [KO Validated] GSTK1 Rabbit polyclonal antibody (STJ11104362) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: 30s.



Western blot analysis of lysates from wild type (WT) and GSTK1 knockout (KO) 293T cells using [KO Validated] GSTK1 Rabbit polyclonal antibody (STJ11104362) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: 30s.