

Anti-SMARCA4 antibody (680-770) (STJ25612)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

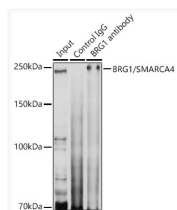
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 185kDa Observed Mw: 220kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

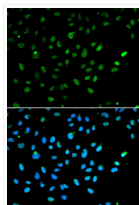
Gene ID	6597
Gene Symbol	SMARCA4
UniProt ID	SMCA4_HUMAN
Immunogen Region	680-770
Immunogen Sequence	PTLPVEEKKKIPDPDSDDDVS EVDARHIIENAKQDQDVDEYG VSQALARGLQSYVAHAHT ERVDKQSALMVGVLKQYQI KGLEWLVSLYN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 680-770 of human BRG1/SMARCA4 (NP_003063.2).

ADDITIONAL INFORMATION

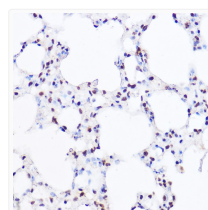
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



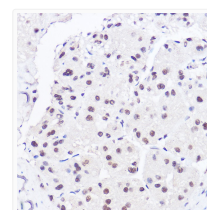
Immunoprecipitation analysis of 300 Mu g extracts of 293T cells using 3 Mu g BRG1/SMARCA4 antibody (STJ25612). Western blot was performed from the immunoprecipitate using BRG1/SMARCA4 antibody (STJ25612) at a dilution of 1:1000.



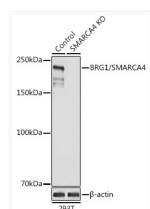
Immunofluorescence analysis of A549 cells using [KO Validated] BRG1/SMARCA4 Rabbit polyclonal antibody (STJ25612). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of BRG1/SMARCA4 in paraffin-embedded mouse lung using [KO Validated] BRG1/BRG1/SMARCA4 Rabbit polyclonal antibody (STJ25612) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of BRG1/SMARCA4 in paraffin-embedded human liver cancer using [KO Validated] BRG1/BRG1/SMARCA4 Rabbit polyclonal antibody (STJ25612) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from wild type (WT) and BRG1/BRG1/SMARCA4 knockout (KO) 293T cells, using [KO Validated] BRG1/SMARCA4 Rabbit polyclonal antibody (STJ25612) 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. Detection: ECL Enhanced Kit. Exposure time: 1s.