

Goat BRG1/SMARCA4 Antibody | anti-SMARCA4 antibody

Goat anti-BRG1/SMARCA4 Antibody

CATALOG # AAA61870	HOST Goat	REACTIVITY Human Expected from sequence similarity: Mouse, Rat, Dog	APPLICATIONS Immunohistochemistry, ELISA
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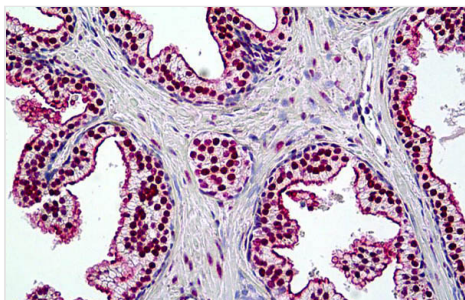
PRODUCT SYNONYMS

BRG1/SMARCA4; Goat anti-BRG1/SMARCA4 Antibody; SMARCA4; BRG1; BAF190; SNF2L4; SNF2LB; hSNF2B; hSNF2b; SNF2-BETA; SWI/SNF related; matrix associated; actin dependent regulator of chromatin; subfamily a; member 4; SNF2-beta; SNF2-like 4; nuclear protein GRB1; brahma protein-like 1; BRM/SWI2-related gene; anti-SMARCA4 antibody

PRODUCT SPECIFICATIONS

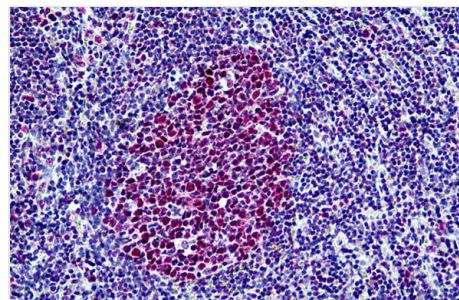
Host	Goat
Reactivity	Human Expected from sequence similarity: Mouse, Rat, Dog
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-SMARCA4 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence STDPPLGGTPRP-C, from the N Terminus of the protein sequence according to NP_001122321.1; NP_003063.2; NP_001122317.1; NP_001122318.1; NP_001122319.1; NP_001122320.1.
Epitope	N Terminus
Notes	This antibody is expected to recognize all reported isoforms (NP_001122321.1; NP_003063.2; NP_001122317.1; NP_001122318.1; NP_001122319.1; NP_001122320.1). Reported variants NP_003063.2 and NP_001122316.1 represent identical protein.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



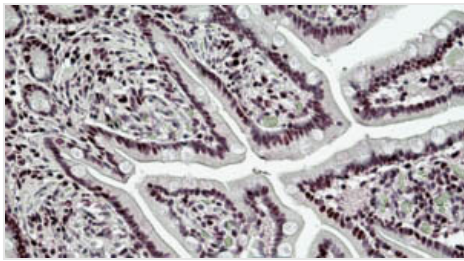
IHC (Immunohistochemistry)

AAA61870 (3.75ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



IHC (Immunohistochemistry)

AAA61870 (3.75ug/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



IHC (Immunohistochemistry)

AAA61870 (3.75ug/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

ADDITIONAL INFORMATION

References

Khavari PA, Peterson CL, Tamkun JW, Mendel DB, Crabtree GR.; BRG1 contains a conserved domain of the SWI2/SNF2 family necessary for normal mitotic growth and transcription.; Nature. 1993 Nov 11;366(6451):170-4.; PMID: 8232556

NCBI AND UNIPROT INFORMATION

NCBI GeneID

Human: 6597
Non-Human: 20586 (mouse); 171379 (rat)

Molecular Weight

188, 189, 182, 182, 181, 181

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/goat-dog-human-mouse-rat-antibody/brg1-smarca4/61870>