

Goat SDF4 Polyclonal Antibody | anti-SDF4 antibody

Goat anti-SDF4 (aa161-175) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61548	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow	Immunohistochemistry, Western Blot, ELISA

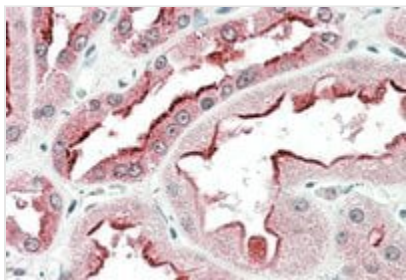
PRODUCT SYNONYMS

SDF4; Polyclonal Antibody; Goat anti-SDF4 (aa161-175) Antibody; stromal cell derived factor 4; Cab45; 45 kDa calcium-binding protein; OTTHUMP00000001754; SDF-4; calcium binding protein; stromal cell-derived factor 4; SDF4 antibody; stromal cell derived factor 4 antibody; Cab45 antibody; 45 kDa calcium-binding protein antibody; OTTHUMP00000001754 antibody; SDF-4 antibody; calcium binding protein antibody; stromal cell-derived factor 4 antibody; SDF4 (aa161-175); anti-SDF4 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow
Clonality	Polyclonal
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)
Sequence	EYKVKFLASK GHSEK
Sequence Length	348
Applicable Applications for anti-SDF4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-EYKVKFLASKGHSEK, from the internal region of the protein sequence according to NP_057631.1; NP_057260.2.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_057631.1; NP_057260.2).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
5ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
0.1ug/ml) staining of Jurkat lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706573
NCBI GeneID	51150
NCBI Accession #	NP_057631.1; NP_057260.2
NCBI GenBank Nucleotide #	NM_016547.2
Molecular Weight	39,608 Da
NCBI Official Full Name	45 kDa calcium-binding protein isoform 1
NCBI Official Synonym Full Names	stromal cell derived factor 4
NCBI Official Symbol	SDF4
NCBI Official Synonym Symbols	Cab45; SDF-4
NCBI Protein Information	45 kDa calcium-binding protein
UniProt Protein Name	45 kDa calcium-binding protein
UniProt Gene Name	SDF4
UniProt Synonym Gene Names	CAB45; Cab45; SDF-4
UniProt Entry Name	CAB45_HUMAN

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.