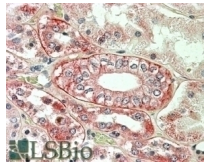
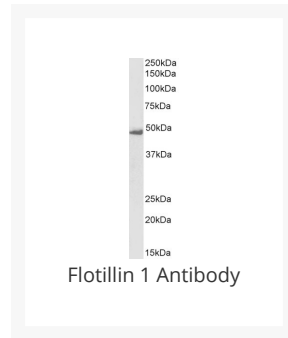




Flotillin 1 Antibody

Cat. No.: 45-051



45-051 (3.8ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**

Ψ Specifications

HOST SPECIES:	Goat
SPECIES REACTIVITY:	Human
HOMOLOGY:	Expected Species Reactivity based on sequence homology: Dog, Pig, Cow
IMMUNOGEN:	The immunogen for this antibody is: C-SISQVNHKPLRTA
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 48kDa band observed in lysates of cell lines A431, Jurkat and K562 (calculated MW of 47.4kDa according to NP_005794.1). Recommended concentration: 0.1-0.3ug/ml. Primary incubation was 1 hour.
SPECIFICITY:	This antibody is expected to recognize both reported isoforms (NP_005794.1; NP_001305804.1).

POSITIVE CONTROL:	1) H460 Lysate
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Ψ Properties

PURIFICATION:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.

Ψ Additional Info

OFFICIAL SYMBOL:	FLOT1
ALTERNATE NAMES:	FLOT1, flotillin 1, reggie-2, integral membrane component of caveolae, DADB-118P11.2
ACCESSION NO.:	NP_005794.1, NP_001305804.1
PROTEIN GI NO.:	5031699
GENE ID:	10211

Ψ Background and References

REFERENCES:	1) Bickel PE, Scherer PE, Schnitzer JE, Oh P, Lisanti MP, Lodish HF. Flotillin and epidermal surface antigen define a new family of caveolae-associated integral membrane proteins. J Biol Chem. 1997 May 23;272(21):13793-802.
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