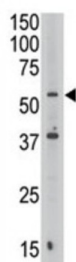
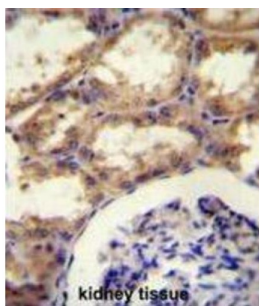
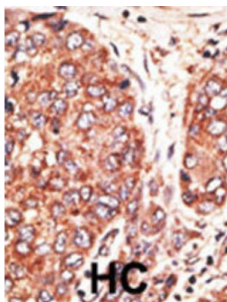


Septin 9 (SEPTIN9) Antibody

Catalogue No.: abx032735



The maf oncogene was identified by structural analysis of the AS42 avian transforming retrovirus genome. The Maf family is divided into two subclasses, large Mafs (vMaf, cMaf, MafB and Nrl) and small Mafs (MafF, MafK, and MafG). Both subclasses contain leucine zipper motifs, which allow homodimerization as well as heterodimerization with a variety of other bZip transcription factors. Large Mafs also contain an acidic transactivation domain absent in the small Maf proteins. Although they do not possess inherent transactivation activity, small Maf proteins can act as positive regulators of transcription by targeting transcriptionally active dimerization partners to specific DNA regulatory elements. Conversely, small Mafs can act also as negative regulators of transcription by recruiting transcriptional repressors or by forming homodimers that can replace active dimers. Human MafF was isolated in a yeast one-hybrid system from a human myometrium cDNA library. Human MAFF encodes a 164 amino acids protein. Like other small MAFF proteins, it contains an extended leucine zipper structure and lacks an N-terminal transactivating domain. The three small Maf proteins have been implicated in a number of physiological processes, including development, differentiation, haematopoiesis and stress response. Interestingly, these three proteins regulate the stress response via different mechanisms.

Target: Septin 9 (SEPTIN9)

Clonality: Polyclonal

Reactivity: Human

Datasheet

Version: 2.0.0
Revision date: 13 Aug 2025



Tested Applications: ELISA, WB, IHC, FCM

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 57-85 amino acids from the C-terminal region of human SEPT9.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q9UHD8 ([UniProt](#), [ExPASy](#))

NCBI Accession: NP_001106963.1, NP_001106964.1, NP_001106965.1, NP_001106966.1, NP_001106967.1, NP_001106968.1, NP_006631.2

String: [9606.ENSP00000391249](#)

Molecular Weight: Calculated MW: 65.4 kDa

Buffer: PBS containing 0.09% sodium azide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.