EB09642 - Goat Anti-TET2 Antibody
Size: 100μg specific antibody in 200μl

Target Protein
Principal Names: TET2, tet oncogene family member 2, FLJ20032, KIAA1546, MGC125715, OTTHUMP00000161869
Official Symbol: TET2
Accession Number(s): NP_001120680.1; NP_060098.3
Human GeneID(s): 54790
Non-Human GeneID(s): 214133 (mouse)
Important Comments: This antibody is expected to recognize both reported isoforms (NP_001120680.1; NP_060098.3).

Immunogen
Peptide with sequence C-PHPQSNNDQQREGSF, from the internal region of the protein sequence according to NP_001120680.1; NP_060098.3.

Please note the peptide is available for sale.

Purification and Storage
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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.

Applications Tested
Peptide ELISA: antibody detection limit dilution 1:16000.
IHC: In paraffin embedded Human Spleen shows nuclear staining in select splenocytes.
Recommended concentration: 2-6μg/ml.

Species Reactivity
Tested: Human
Expected from sequence similarity: Human, Mouse, Dog

Specific Reference
This antibody has been successfully used in IHC on Human:
Orr BA, Haffner MC, Nelson WG, Yegnasubramanian S, Eberhart CG.
Decreased 5-hydroxymethylcytosine is associated with neural progenitor phenotype in normal brain and shorter survival in malignant glioma.
PLoS One. 2012;7(7):e41036. 2012 Jul 19
PMID: 22829908

EB09642 (4µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.