

Datasheet for ABIN571057

anti-TET2 antibody (Internal Region)



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Overview

Quantity:	100 µg
Target:	TET2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TET2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	TET2
Immunogen:	C-PHPQSNNDQQREGSF
Sequence:	PHPQSNNDQQ REGSF
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001120680.1, NP_060098.3).
Cross-Reactivity:	Dog, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	TET2
Alternative Name:	TET2 (TET2 Products)
Background:	TET2, tet oncogene family member 2, FLJ20032, KIAA1546, MGC125715, OTTHUMP00000161869
Gene ID:	54790, 214133
NCBI Accession:	NP_001120680 , NP_060098
Pathways:	Warburg Effect

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Spleen shows nuclear staining in select splenocytes. Recommended concentration: 2-6 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

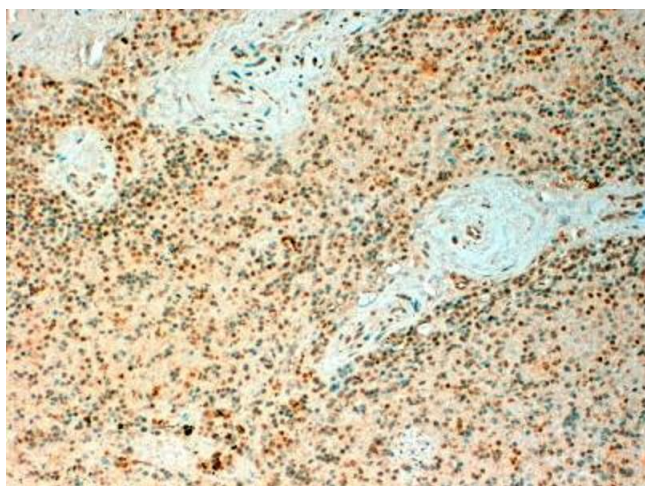
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in: Orr, Haffner, Nelson, Yegnasubramanian, Eberhart: "Decreased 5-hydroxymethylcytosine is associated with neural progenitor phenotype in normal brain and shorter survival in malignant glioma." in: **PLoS ONE**, Vol. 7, Issue 7, pp. e41036, (2012) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. ABIN571057 (4µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.