

Rabbit anti-Human TET2 Polyclonal Antibody | anti-TET2 antibody

TET2 Antibody

CATALOG # AAA40369	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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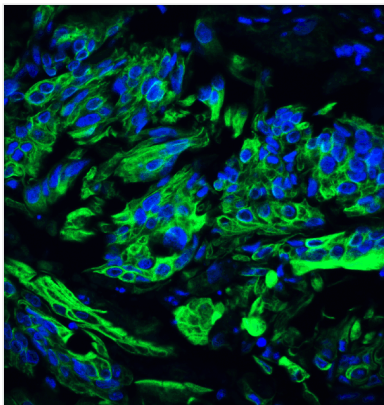
PRODUCT SYNONYMS

TET2; Polyclonal Antibody; TET2 Antibody; MDS; KIAA1546; Nbla00191; Methylcytosine dioxygenase TET2; tet methylcytosine dioxygenase 2; anti-TET2 antibody

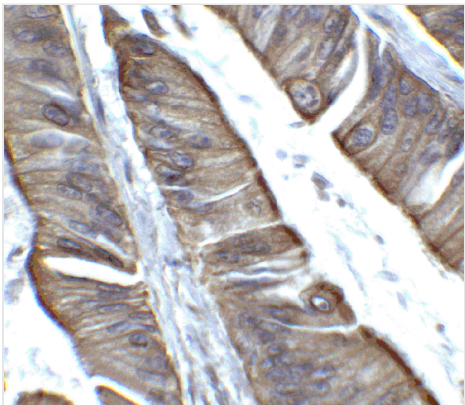
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of TET2 are known to exist; this antibody will detect both isoforms.
Purity/Purification	TET2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	2002
Applicable Applications for anti-TET2 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TET2 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human TET2.
Buffer	TET2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TET2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

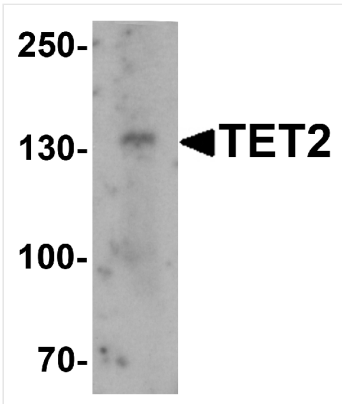
IMAGES



IF (Immunofluorescence)
Immunofluorescence of TET2 in human colon carcinoma tissue with TET2 antibody at 20 μg/ml. Green: TET2 Antibody (6915) Blue: DAPI staining



IHC (Immunohistochemistry)
Immunohistochemistry of TET2 in human colon carcinoma tissue with TET2 antibody at 2 μg/ml.



WB (Western Blot)
Western blot analysis of TET2 in SK-N-SH cell lysate with TET2 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TET2 antibody	TET2 Antibody: TET2, a member of the ten-eleven-translocation (TET) family of genes, is a methylcytosine dioxygenase that catalyzes the conversion of methylcytosine to 5-hydroxymethylcytosine. It is a candidate tumor suppressor gene reported to be mutated in approximately 14% of patients with JAK2V617F-positive myeloproliferative neoplasms, and can be mutated in other hematopoietic disorders such as myelodysplastic syndromes, acute myeloid leukemia, and chronic myelomonocytic leukemia. Analysis of the TET2 and JAK2 mutations in these neoplasms suggests that mutations in TET2 do not represent a predisposition for acquiring mutations in JAK2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187761317
NCBI GeneID	54790
NCBI Accession #	NP_001120680
NCBI GenBank Nucleotide #	NM_001127208.2
UniProt Accession #	Q6N021; Q2TB88; Q3LIB8; Q96JX5; Q9HCM6; Q9NXW0; B5MDU0
Molecular Weight	133,481 Da
NCBI Official Full Name	methylcytosine dioxygenase TET2 isoform a
NCBI Official Synonym Full Names	tet methylcytosine dioxygenase 2

NCBI Official Symbol	TET2
NCBI Official Synonym Symbols	MDS; KIAA1546
NCBI Protein Information	methylcytosine dioxygenase TET2; tet oncogene family member 2; probable methylcytosine dioxygenase TET2
UniProt Protein Name	Methylcytosine dioxygenase TET2
UniProt Gene Name	TET2
UniProt Synonym Gene Names	KIAA1546
UniProt Entry Name	TET2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tet2-antibody-western-blot-elisa/40369>