Rabbit TET2 Polyclonal Antibody | anti-TET2 antibody

TET2 Polyclonal Antibody

CATALOG #	HOST	APPLICATIONS
AAA28132	**Rabbit**	**Western Blot, Immunofluorescence, Immunoprecipitation**

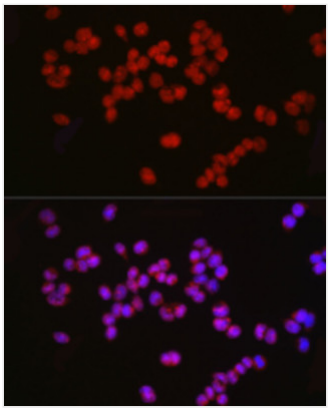
PRODUCT SYNONYMS

TET2; Polyclonal Antibody; TET2 Polyclonal Antibody; MDS; KIAA1546; anti-TET2 antibody

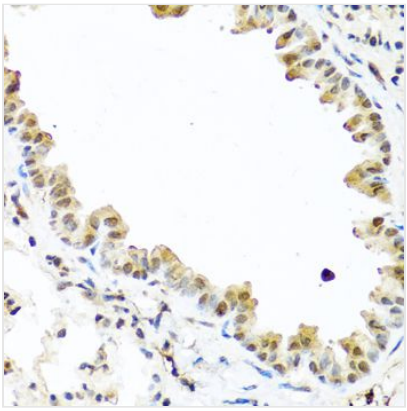
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3
Concentration	1mg/ml (varies by lot)
Sequence Length	2002
Applicable Applications for anti-TET2 antibody	WB (Western Blot), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF 1:50 - 1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1833-2002 of human TET2 (NP_001120680.1).
Species Reactivity/Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

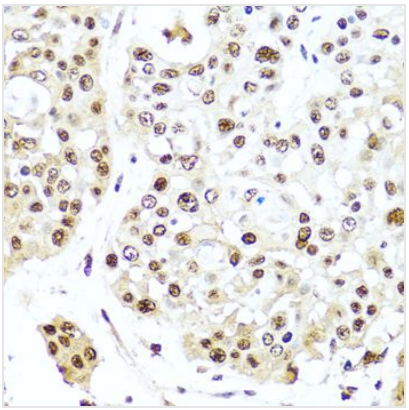
IMAGES



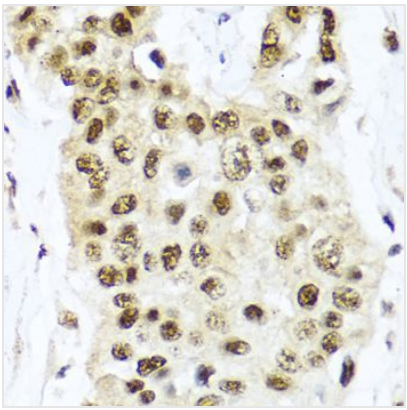
IF (Immunofluorescence)
Immunofluorescence analysis of F9 cells using TET2 Rabbit pAb (AAA28132) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



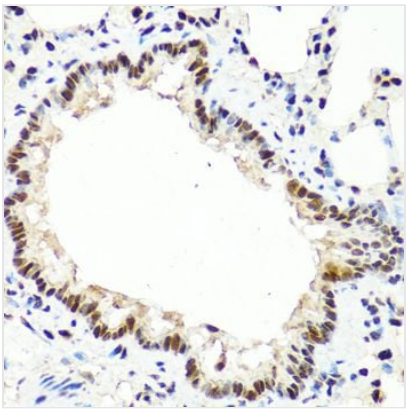
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse lung using TET2 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



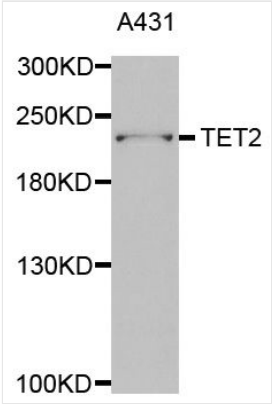
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using TET2 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using TET2 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat lung using TET2 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)
Western blot analysis of extracts of A-431 cells, using TET2 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TET2 antibody	The protein encoded by this gene is a methylcytosine dioxygenase that catalyzes the conversion of methylcytosine to 5-hydroxymethylcytosine. The encoded protein is involved in myelopoiesis, and defects in this gene have been associated with several myeloproliferative disorders. Two variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-TET2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	239938839
NCBI GeneID	54790
UniProt Accession #	Q6N021; Q2TB88; Q3LIB8; Q96JX5; Q9HCM6; Q9NXW0; B5MDU0
Molecular Weight	Observed MW: 280KDa Calculated MW: 130kDa/133kDa/223kDa
NCBI Official Full Name	Methylcytosine dioxygenase TET2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
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