
Product Information

Product SKU:	CAB20365	Gene ID:	214133	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	280kDa	Conjugate:	Unconjugated
Calculated MW:	212kDa	Isotype:	IgG

Immunogen Information

Background:	Enables methylcytosine dioxygenase activity. Involved in cellular protein modification process; myeloid cell differentiation; and positive regulation of transcription by RNA polymerase II. Acts upstream of or within several processes, including DNA demethylation; animal organ development; and hematopoietic stem cell homeostasis. Predicted to be located in nucleoplasm. Predicted to be active in nucleus. Is expressed in several structures, including brain; extraembryonic component; lower urogenital tract; reproductive system; and urethra epithelium. Human ortholog(s) of this gene implicated in gastrointestinal system cancer (multiple); hematologic cancer (multiple); lung non-small cell carcinoma; and primary immunodeficiency disease. Orthologous to human TET2 (tet methylcytosine dioxygenase 2).
Recommended Dilution:	WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200
Synonyms:	Ayu17-449; mKIAA1546; E130014J05Rik; TET2
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 288-448 of mouse TET2 (NP_001035490.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.