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Product datasheet for TA800632S

SUMF1 Mouse Monoclonal Antibody [Clone ID: OTI1B10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1B10
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SUMF1 (NP_877437) produced in HEK293T cell
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37.3 kDa
Gene Name:	sulfatase modifying factor 1
Database Link:	NP_877437 Entrez Gene 58911 MouseEntrez Gene 362409 RatEntrez Gene 285362 Human Q8NBK3
Background:	This gene encodes an enzyme that catalyzes the hydrolysis of sulfate esters by oxidizing a cysteine residue in the substrate sulfatase to an active site 3-oxoalanine residue, which is also known as C-alpha-formylglycine. Mutations in this gene cause multiple sulfatase deficiency, a lysosomal storage disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]

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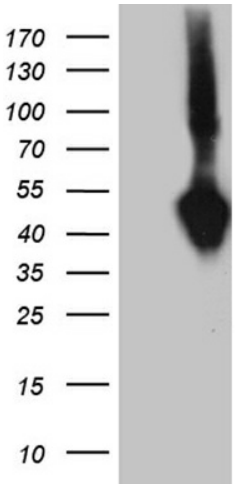
Synonyms: AAPA3037; FGE; UNQ3037

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SUMF1 (Cat# [RC211092], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SUMF1 (Cat# [TA800632])(1:500). Positive lysates [LY405331] (100ug) and [LC405331] (20ug) can be purchased separately from OriGene.