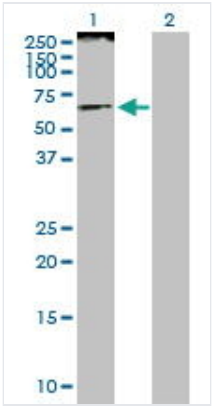
BAF57 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BAF57, Polyclonal Antibody
Full Product Name	BAF57 (SWI/SNF-related Matrix-associated Actin-dependent Regulator of Chromatin Subfamily E Member 1, BRG1-associated Factor 57, SMARCE1)
Product Gene Name	anti-BAF57 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human SMARCE1.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Immunogen	Full length human SMARCE1, aa1-411 (AAH07082.1).
Immunogen Sequence	MSKRPSYAPPPTPAPATQMPSTPGFVGYNPYSHLAYNNYRLGGNPSTNSRVTASSGITIPKPPKPPDKPLMPYMRYSRKVWDQVKASNPDLKLWEIGKI
Conjugate	FITC
Note	Preservative Free
Product Categories/Family for anti-BAF57 antibody	Antibodies; Actin
Applications Tested/Suitable for anti-BAF57 antibody	Western Blot (WB)
Application Notes for anti-BAF57 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-BAF57 antibody	SMARCE1/BAF57 protein is part of the large ATP-dependent chromatin remodeling complex SWI/SNF, which is required for transcriptional activation c
Other Notes	Small volumes of anti-BAF57 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for BAF57 purchase	MBS6370917 is an antibody targeting BAF57. Also known as BAF57 (SWI/SNF-related Matrix-associated Actin-dependent Regulator of Chromatin Sub



Western Blot (WB) of anti-BAF57 antibody
Western Blot analysis of SMARCE1 expression in transfected 293T cell line by SMARCE1 polyclonal antibody. Lane 1: SMARCE1 transfected lysate (46.7kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BAF57. It may not necessarily be applicable to this product.

NCBI GI #	13937940
NCBI GeneID	6605
NCBI Accession #	BC007082.1
NCBI Related Accession #	AAH07082.1
UniProt Related Accession #	Q969G3
NCBI Official Full Name	Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1, mRNA
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1
NCBI Official Symbol	SMARCE1
NCBI Official Synonym Symbols	CSS5; BAF57
Protein Family	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily
NCBI Protein Information	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1
NCBI Summary for BAF57	The protein encoded by this gene is part of the large ATP-dependent chromatin remodeling complex SWI/SNF, which is required for transcriptional activation of genes normally repressed by chromatin. The encoded protein, either alone or when in the SWI/SNF complex, can bind to 4-way junction DNA, which is thought to mimic the topology of DNA as it enters or exits the nucleosome. The protein contains a DNA-binding HMG domain, but disruption of this domain does not abolish the DNA-binding or nucleosome-displacement activities of the SWI/SNF complex. Unlike most of the SWI/SNF complex proteins, this protein has no yeast counterpart. [provided by RefSeq, Jul 2008]
Research Articles on BAF57	**1.** A de novo splicing mutation in SMARCE1 was identified in a patient with Angelman-like syndrome.
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