

RFESD Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59019

Specification

RFESD Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession
Reactivity
Rat
Host
Clonality
Calculated MW
Rat
Rabbit
Polyclonal
18 KDa

Physical State
Liquid
Immunogen
KLH conjugated synthetic pepti

mmunogen KLH conjugated synthetic peptide derived from human RFESD

Epitope Specificity 51-157/157

Isotype IgG

Proclin300 and 50% Glycerol.
SIMILARITY Contains 2 Rieske domains.

Important Note

This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

0.01M TBS (pH7.4) with 1% BSA, 0.02%

Background Descriptions

affinity purified by Protein A

Buffer

RFESD, also known as Rieske domain-containing protein, is a 157 amino acid protein that binds one 2Fe-2S cluster per subunit. Involved in metal ion binding, RFESD contains one Rieske domain. The RFESD gene is conserved in chimpanzee, dog, cow, mouse, rat, chicken and zebrafish, and maps to human chromosome 5q15. Chromosome 5 makes up approximately 6% of the human genome and contains 181 million base pairs, which encode 1,000 genes. Chromosome 5 is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is caused by insertions or deletions within the TCOF1 gene and is also associated with chromosome 5. Deletion of 5q or chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

RFESD Polyclonal Antibody - Additional Information

Gene ID 317671

Other Names

Rieske domain-containing protein, RFESD

Dilution

WB~~1:1000<br \><span class</pre>

="dilution_IHC-P">IHC-P~~N/A<br \><span class

="dilution_IHC-F">IHC-F~~N/A<br \><span class



="dilution IF">IF \sim 1:50 \sim 200
span class ="dilution E">E \sim N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RFESD Polyclonal Antibody - Protein Information

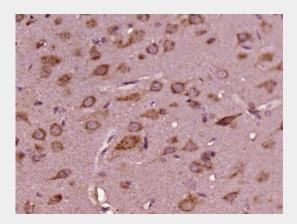
Name RFESD

RFESD Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RFESD Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RFESD) Polyclonal Antibody, Unconjugated (bs-8496R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.