

Anti-FXYD6/Plp antibody [EPR9004(2)] - BSA and Azide free ab250467

Recombinant RabMAb

4 Images

Overview

Product name	Anti-FXYD6/Plp antibody [EPR9004(2)] - BSA and Azide free
Description	Rabbit monoclonal [EPR9004(2)] to FXYD6/Plp - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250467 is the carrier-free version of ab181254.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.20 Constituent: 100% PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR9004(2)
Isotype	IgG

Applications

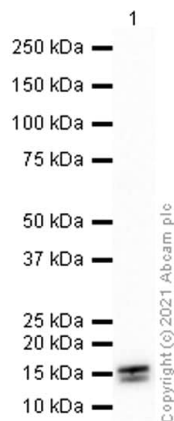
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250467 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 18 kDa (predicted molecular weight: 11 kDa).

Target

Relevance	FXYP6 is a putative ion transporter regulator that is associated with susceptibility to schizophrenia type 2 (SCZD2).
Cellular localization	Plasma membrane

Images



Western blot - Anti-FXYD6/Plp antibody
[EPR9004(2)] - BSA and Azide free (ab250467)

Anti-FXYD6/Plp antibody [EPR9004(2)] ([ab181254](#)) at 1/10000 dilution (Purified) + Human testis lysate

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 11 kDa



Western blot - Anti-FXYD6/Plp antibody
[EPR9004(2)] - BSA and Azide free (ab250467)

All lanes : Anti-FXYD6/Plp antibody [EPR9004(2)] ([ab181254](#)) at 1/1000 dilution (Purified)

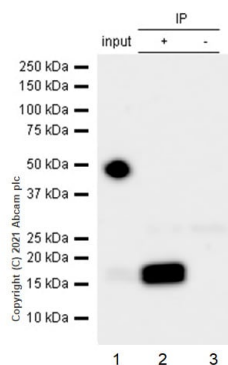
Lane 1 : Mouse brain lysate

Lane 2 : Rat brain lysate

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 11 kDa



Immunoprecipitation - Anti-FXYD6/Plp antibody
[EPR9004(2)] - BSA and Azide free (ab250467)

This data was developed using ab250467, the same antibody clone in a different buffer formulation.

Purified ab250467 at 1:20 dilution (0.8µg) immunoprecipitating FXYD6/Plp in Human testis lysate.

Lane 1 (input): Human testis lysate 10 µg

Lane 2 (+): ab250467 + Human testis lysate.

Lane 3 (-): Rabbit monoclonal IgG ([ab172730](#)) instead of [ab181254](#) in human testis lysate.

VeriBlot for IP Detection Reagent (HRP)([ab131366](#)) (1:1000 dilution) was used for Western blotting.

Blocking Buffer and concentration: 5% NFDm/TBST.

Diluting buffer and concentration: 5% NFDm/TBST.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-FXYD6/Plp antibody [EPR9004(2)] - BSA and Azide free (ab250467)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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