

DATASHEET

Frizzled 1/2/7 Rabbit Polyclonal Antibody

CAT. NO. ARA6730

KEY FEATURES

Target	Frizzled 1/2/7	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken	Clonality	Polyclonal
Applications	WB, IF/ICC	Storage	-20°C

BACKGROUND

FZD1, FZD2, and FZD7: Studies have shown that these three Frizzled receptors, in particular, play redundant roles in various developmental processes, including palate closure, convergent extension of the neural tube, and heart development. They also seem to be important for the maintenance of intestinal stem cells.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Frizzled 1/2/7. The exact sequence is proprietary
Purification	The antibody was purified by immunogen affinity chromatography
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide
Gene Name	FZD1; FZD2; FZD7
Alternative Names	Frizzled-7; Fz-7; hFz7; FzE3
Gene ID (Human)	8324;
Gene ID (Mouse)	14369;
Protein ID (Human)	Q9UP38; Q14332; O75084;
Protein ID (Mouse)	Q61090;

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

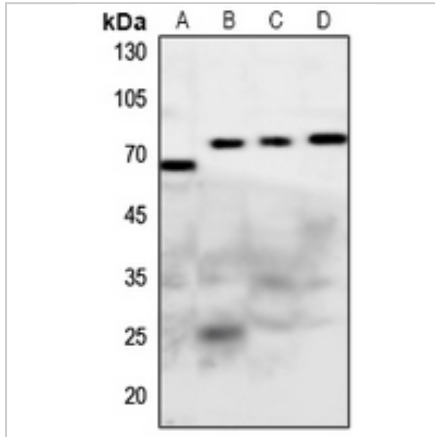
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Western blot analysis of Frizzled 1/2/7 expression in Hela (A), mouse heart (B), rat heart (C), rat kidney (D) whole cell lysates. (Predicted band size: 71; 63 kD; Observed band size: 64; 71 kD)



Immunofluorescent analysis of Frizzled 1/2/7 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com