



Rabbit Anti-Danio rerio (zebrafish) EFNB2A Polyclonal Antibody (CABT-NS1746)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Danio rerio (zebrafish) EFNB2A / Ephrin B2a
Target	EFNB2A
Immunogen	Recombinant Danio rerio EFNB2A
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Danio rerio
Conjugate	Unconjugated
Applications	<p>ELISA</p> <p>Recommended dilution:</p> <p>ELISA: 0.5-1.0 µg/mL.</p> <p>This antibody can be used at 0.5-1.0 µg/mL with the appropriate secondary reagents to detect Danio rerio (zebrafish) EFNB2A/Ephrin B2a.</p> <p>The detection limit for Danio rerio (zebrafish) EFNB2A/Ephrin B2a is <0.039 ng/well.</p> <p>Each laboratory should determine an optimum working titer for use in its particular application.</p> <p>Other applications have not been tested but use in such assays should not necessarily be excluded.</p>
Format	Liquid, Purified
Size	50 µl, 100 µl, 200 µl
Buffer	0.2 µm filtered solution in PBS
Preservative	None

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction

Efnb2a, also known as ephrin B2a, belongs to the ephrin family. Members of this family are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Efnb2a binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. Efnb2a, together with ephb4 may play a central role in heart morphogenesis and angiogenesis through regulation of cell adhesion and cell migration.

Keywords

EFNB2A; id:ibd5072; ephrin-B2a
