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Datasheet for ABIN2810260

**anti-Bestrophin 4 antibody (AA 151-250) (Alexa Fluor 594)**

## Overview

Quantity:	100 µL
Target:	Bestrophin 4 (BEST4)
Binding Specificity:	AA 151-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bestrophin 4 antibody is conjugated to Alexa Fluor 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Bestrophin 4
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	Bestrophin 4 (BEST4)
Alternative Name:	Bestrophin 4 ( <a href="#">BEST4 Products</a> )

## Target Details

Background:	<p>Synonyms: BEST 4, BEST4, BEST-4, Bestrophin 4, Bestrophin4, Bestrophin-4, Vitellorm macular dystrophy 2 like 2, Vitellorm macular dystrophy 2 like protein 2, VMD2L2, BEST4_HUMAN.</p> <p>Background: Bestrophin-4 is a 473 amino acid member of the Bestrophin family of proteins. Members of the Bestrophin family are transmembrane proteins that contain a high percentage of aromatic residues, a conserved RFP (Arg-Phe-Pro) motif and they function as anion channels. Bestrophin-4 acts as a calcium-sensitive chloride channel located in the cell membrane. It is believed that Bestrophin-4 also acts as a channel for other physiologically significant anions, such as bicarbonate. Bestrophin-4 is predominantly expressed in the colon, but can be found at low levels in testis, placenta, trachea, spinal chord, lung and retina.</p>
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## Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months