

Datasheet for ABIN3042393  
**anti-Flotillin 2 antibody (AA 169-344)**

## 7 Images

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## Overview

Quantity:	100 µg
Target:	Flotillin 2 (FLOT2)
Binding Specificity:	AA 169-344
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Flotillin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for Flotillin-2(FLOT2) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	E.coli-derived human Flotillin 2 recombinant protein (Position: K169-K344). Human Flotillin 2 shares 100% amino acid (aa) sequence identity with both mouse and rat Flotillin 2.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Flotillin-2(FLOT2) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: flotillin 2 Protein Name: Flotillin-2
Purification:	Immunogen affinity purified.

## Target Details

Target:	Flotillin 2 (FLOT2)
Alternative Name:	FLOT2 ( <a href="#">FLOT2 Products</a> )
Background:	<p>FLOT2 (Flotillin 2), also known as ESA1 or M17S1, is a protein that in humans is encoded by the FLOT2 gene. Schroeder et al. (1991) isolated a cDNA for an epidermal surface antigen believed to be involved in epidermal cell adhesion. By analysis of a somatic cell hybrid panel and in situ hybridization using the ESA cDNA, the gene was mapped to 17q11-q12 in the region containing the NF1 gene. Bickel et al. (1997) found that mouse Flot2 consistently copurifies with Flot1 and with caveolin-1 in the purification of caveolin-rich membranes. Using a quantitative proteomic analysis of cultured mouse neuronal stem cells, Li et al. (2012) found that palmitoylation and oligomerization of flotillin-2 was abolished in homozygous Dhhc5 mutant neuronal stem cells. The absolute amount of flotillin-2 was not changed in Dhhc5 mutant neurons.</p> <p>Synonyms: ECS-1 antibody ECS1 antibody Epidermal surface antigen 1 antibody Epidermal surface antigen antibody ESA antibody ESA1 antibody Flot2 antibody FLOT2_HUMAN antibody Flotillin-2 antibody M17S1 antibody Membrane component chromosome 17 surface marker 1 antibody Membrane component chromosome 17 surface marker 1 homolog antibody Membrane component, chromosome 17, surface marker 1 antibody REG-1 antibody Reggie-1 antibody Reggie-2 antibody</p>
Gene ID:	2319
UniProt:	<a href="#">Q14254</a>

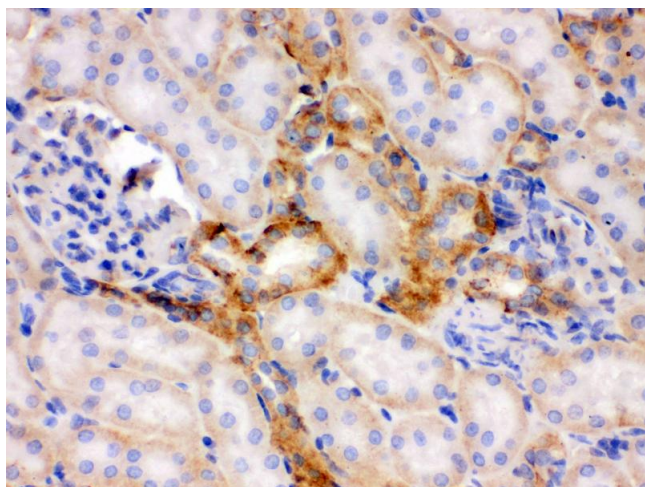
## Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

## Handling

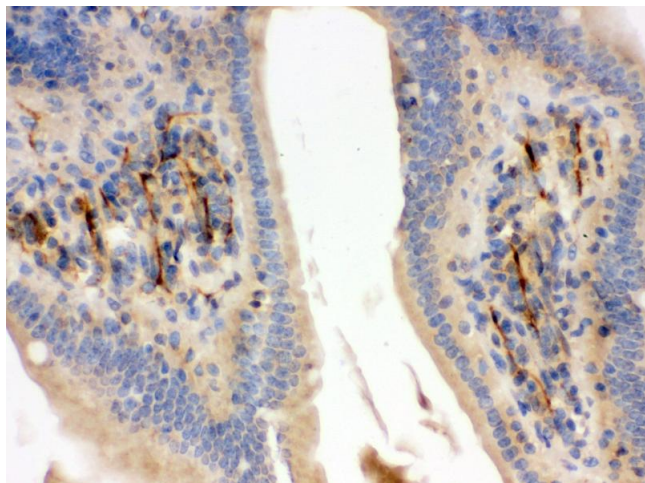
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

## Images



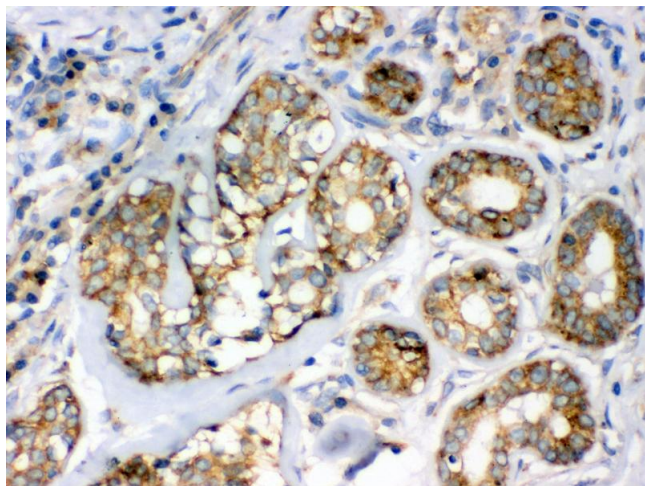
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.**



Immunohistochemistry (Paraffin-embedded Sections)

Image 2.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN3042393.