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Datasheet for ABIN5002925

**anti-FSD2 antibody (AA 221-320) (Alexa Fluor 680)**

## Overview

Quantity:	100 µL
Target:	FSD2
Binding Specificity:	AA 221-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FSD2 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FSD2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig
Purification:	Purified by Protein A.

## Target Details

Target:	FSD2
Alternative Name:	FSD2 ( <a href="#">FSD2 Products</a> )
Background:	Synonyms: Fibronectin type III and SPRY domain containing 2, Fibronectin type III and SPRY

## Target Details

domain containing protein 2, RP11-127F21, SPRY domain containing 1, SPRY domain containing protein 1, SPRYD1,

Background: FSD2 is a 749 amino acid protein containing one B30.2/SPRY domain and two fibronectin type-III domains. The gene encoding FSD2 maps to human chromosome 15q25.2. Encoding more than 700 genes, chromosome 15 is made up of approximately 106 million base pairs and consists of about 3 % of the human genome. Angelman and Prader-Willi syndromes are associated with loss of function or deletion of genes in the 15q11-q13 region. In the case of Angelman syndrome, this loss is due to inactivity of the maternal 15q11-q13 encoded UBE3A gene in the brain by either chromosomal deletion or mutation. Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are also associated with chromosome 15.

Gene ID: 123722

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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