



[Go to Product page](#)

Datasheet for ABIN1705629
anti-AFAP1L2 antibody (Cy5.5)

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | AFAP1L2 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AFAP1L2 antibody is conjugated to Cy5.5 |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human AFAP1L2 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | AFAP1L2 |
| Alternative Name: | Afap1l2 (AFAP1L2 Products) |
| Background: | Synonyms: KIAA1914, XB130, Actin filament-associated protein 1-like 2, AF1L2_HUMAN, AFAP1-like protein 2, afap1l2. |

Target Details

Background: Actin filament associated protein (AFAP-110) interacts directly with actin filaments through its C-terminal actin-binding domain. AFAP-110 contains additional protein-binding domains as well, and serves as an adaptor protein. By linking signaling molecules to actin filaments, AFAP-110 provides a platform for the preparation of larger signaling complexes, activates Src kinases in response to cellular signals and also directly affects Actin organization as an Actin filament cross-linking protein. AFAP-1L2 (Actin filament-associated protein 1-like 2), also known as XB130, is a 818 amino acid cytoplasmic protein that contains two Pleckstrin homology (PH) domains, which are normally found in proteins involved in intracellular signaling. Like its relative AFAP110, AFAP-1L2 interacts with Src kinase and may play a role in Src-regulated transcription activation. AFAP-1L2 is expressed in thyroid and spleen and can also be detected at lower levels in lung, brain, pancreas and kidney. There are four isoforms of AFAP-1L2 that are produced as a result of alternative splicing events.

Pathways: [EGFR Signaling Pathway](#)

Application Details

Application Notes: IF(IHC-P) 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: Sodium azide

Precaution of Use: This product contains Sodium azide: 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