

Anti-Dysadherin Antibody
Catalog # ABO11074**Specification**

Anti-Dysadherin Antibody - Product Information

Application	WB, IHC
Primary Accession	Q96DB9
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for FXYP domain-containing ion transport regulator 5(FXYP5) detection. Tested with WB, IHC-P in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Dysadherin Antibody - Additional Information

Gene ID 53827

Other Names

FXYP domain-containing ion transport regulator 5, Dysadherin, FXYP5, DYSAD, IWU1

Calculated MW

19472 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat
Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Membrane ; Single-pass type I membrane protein .

Protein Name

FXYP domain-containing ion transport regulator 5

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg Na₃.

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human Dysadherin(165-188aa KCRQLSRLCRNRCR).

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

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.

Sequence Similarities

Belongs to the FXYP family.

Anti-Dysadherin Antibody - Protein Information

Name FXYP5

Synonyms DYSAD, IWU1

Function

Involved in down-regulation of E-cadherin which results in reduced cell adhesion. Promotes metastasis.

Cellular Location

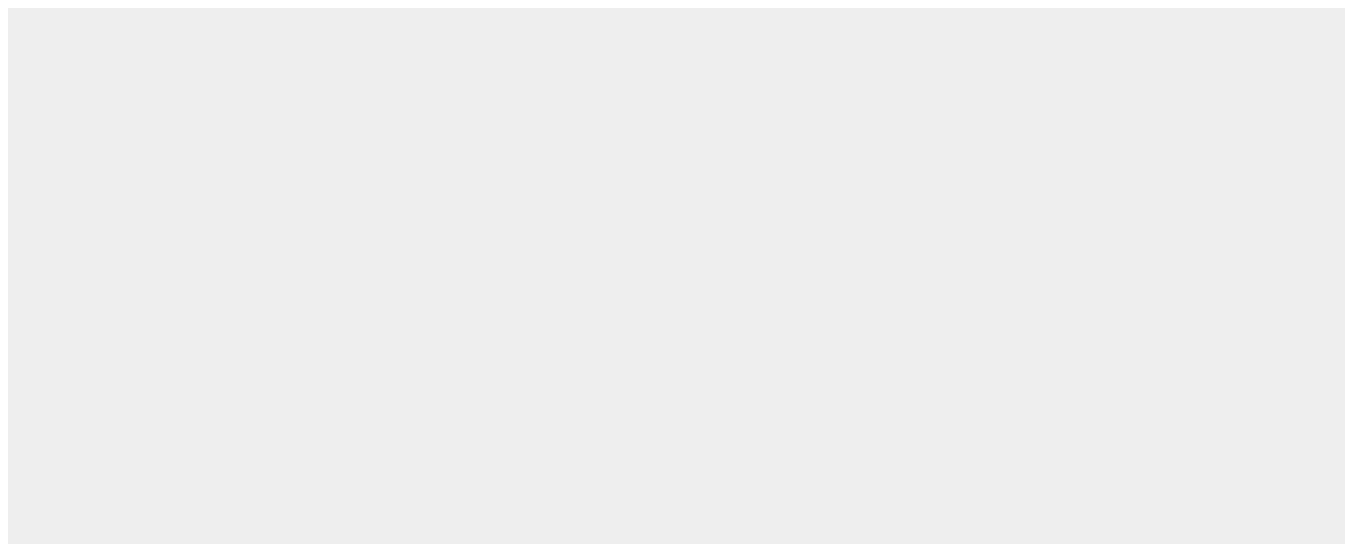
Membrane; Single-pass type I membrane protein

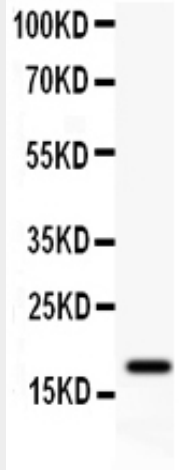
Anti-Dysadherin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Dysadherin Antibody - Images





Anti- FXYD5 antibody, ABO11074, Western blotting All lanes: Anti FXYD5 (ABO11074) at 0.5ug/ml WB: Rat Pancreas Tissue Lysate at 50ug Predicted bind size: 19KD Observed bind size: 19KD



Anti- FXYD5 antibody, ABO11074, IHC(P) IHC(P): Human Mammary Cancer Tissue

Anti-Dysadherin Antibody - Background

FXYD5(FXYD domain-containing ion transport regulator 5), also known as Dysadherin, is a protein that in humans is encoded by the FXYD5 gene. The gene encodes a member of a family of small membrane proteins that share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD and containing 7 invariant and 6 highly conserved amino acids. The FXYD5 gene is mapped on 19q13.12. The deduced FXYD5 protein, the largest of the 7, contains 178 amino acids and has a signal peptide. Immunoreactivity for dysadherin, localized at cell-cell boundaries, was detected in 39 of 51 papillary carcinomas and in all 31 undifferentiated carcinomas but not in the follicular carcinomas or normal thyroid tissue controls. Dysadherin expression was significantly higher in undifferentiated carcinoma than in papillary carcinoma or follicular carcinoma and showed significant negative correlation with E-cadherin expression.