

Product datasheet

Anti-OB Cadherin antibody ab151302

★★★★☆ 3 Abreviews 5 References 2 Images

Overview

Product name	Anti-OB Cadherin antibody
Description	Rabbit polyclonal to OB Cadherin
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Chicken, Human Predicted to work with: Rat, Cow
Immunogen	Recombinant fragment, corresponding to a region within amino acids 65-343 of Human OB Cadherin (Uniprot ID: P55287)
Positive control	Mouse brain lysate; Normal Human lung tissue

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin Constituents: PBS, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab151302** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

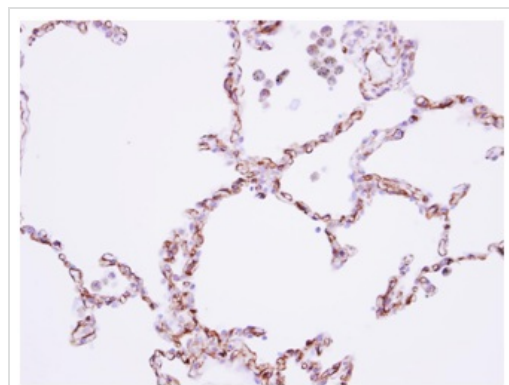
Application	Abreviews	Notes
WB	★★★★★	1/500 - 1/3000. Predicted molecular weight: 87 kDa.

Application	Abreviews	Notes
IHC-P	★★★★☆	1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

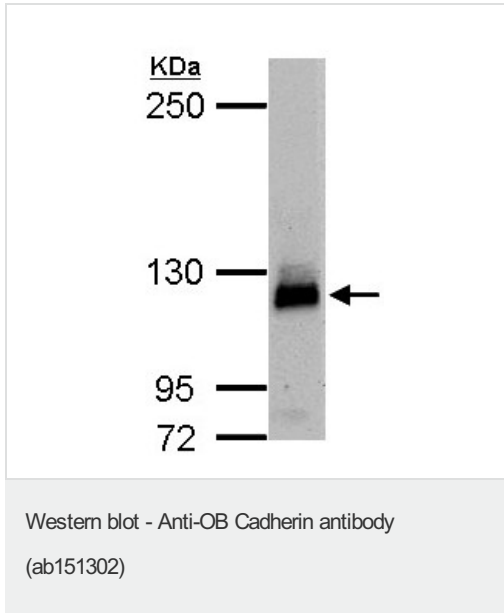
Function	Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.
Tissue specificity	Expressed mainly in brain but also found in other tissues. Expressed in neuroblasts.
Involvement in disease	Note=A chromosomal aberration involving CDH11 is a common genetic feature of aneurysmal bone cyst, a benign osseous neoplasm. Translocation t(16;17)(q22;p13) with USP6. The translocation generates a fusion gene in which the strong CDH11 promoter is fused to the entire USP6 coding sequence, resulting in USP6 transcriptional up-regulation.
Sequence similarities	Contains 5 cadherin domains.
Cellular localization	Cell membrane.

Images



Immunohistochemical analysis of paraffin-embedded normal Human lung tissue labeling OB Cadherin with ab151302 antibody at 1/250 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-OB Cadherin antibody (ab151302)



Anti-OB Cadherin antibody (ab151302) at 1/1000 dilution + Mouse
brain whole cell lysate at 50 µg

Predicted band size: 87 kDa

5% SDS PAGE

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