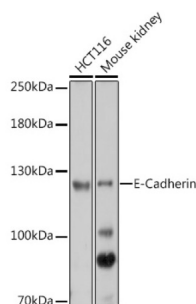
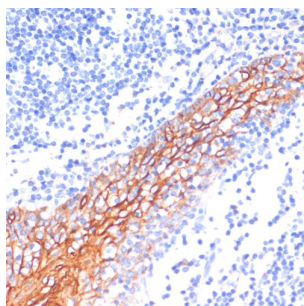


Cadherin-1 / E-Cadherin (CDH1) Antibody

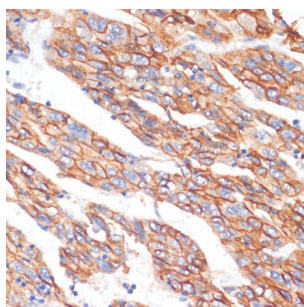
Catalogue No.: abx002199



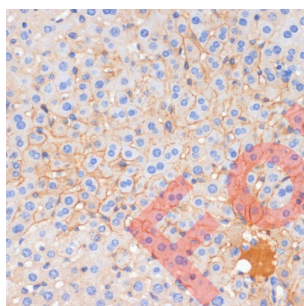
Western blot analysis of various lysates using E-Cadherin Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using E-Cadherin Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using E-Cadherin Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using E-Cadherin Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.

CDH1 Antibody is a Rabbit Polyclonal antibody against CDH1. This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function is thought to contribute to progression in cancer by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. Identified transcript variants arise from mutation at consensus splice sites. [provided by RefSeq, Jul 2008].

Datasheet

Version: 4.0.0
Revision date: 06 Feb 2025



| | |
|-------------------------------|--|
| Target: | Cadherin-1 / E-Cadherin (CDH1) |
| Clonality: | Polyclonal |
| Reactivity: | Human, Mouse, Rat |
| Tested Applications: | ELISA, WB, IHC |
| Host: | Rabbit |
| Recommended dilutions: | ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 373-622 of human E-Cadherin. |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P12830 (UniProt , ExpASY) |
| Gene Symbol: | CDH1 |
| GeneID: | 999 |
| NCBI Accession: | NP_004351.1 |
| KEGG: | hsa:999 |
| String: | 9606.ENSP00000261769 |
| Molecular Weight: | Calculated MW: 97 kDa Observed MW: 125 kDa |
| Buffer: | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol. |
| Concentration: | 0.53 mg/ml |
| Note: | This product is for research use only. |