

小鼠抗 AMDHD1 单克隆抗体

中文名称： 小鼠抗 AMDHD1 单克隆抗体

英文名称： Anti-AMDHD1 mouse monoclonal antibody

别名： amidohydrolase domain containing 1; HMFT1272

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： AMDHD1

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

AMDHD1 (amidohydrolase domain containing 1), also known as probable imidazolonepropionase, is a 426 amino acid protein belonging to the hutI family. AMDHD1 participates in hydrolase activity, acting on carbon-nitrogen bonds, but not peptide bonds, in cyclic amides. AMDHD1 also functions in imidazolonepropionase activity and metal ion binding, whereby binding one iron or zinc ion per subunit. AMDHD1 is encoded by a gene that maps to human chromosome 12, which encodes over 1,100 genes within 132 million bases and makes up approximately 4.5% of the human genome. A number of skeletal deformities are linked to chromosome 12, including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Noonan syndrome, characterized by heart and facial developmental defects, is caused by a mutant form of the PTPN11 gene product, SH-PTP2. Chromoso

| | |
|---------------------------------|---|
| | me 12 is also linked to a homeobox gene cluster, which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster that encodes C-type lectin proteins, which mediate the NK cell response to MHC I interaction. |
| Applications: | WB, IHC |
| Name of antibody: | AMDHD1 |
| Immunogen: | Fusion protein of human AMDHD1 |
| Full name: | amidohydrolase domain containing 1 |
| Synonyms: | HMFT1272 |
| SwissProt: | Q96NU7 |
| IHC positive control: | Human pancreas tissue |
| IHC Recommend dilution: | 200-500 |
| WB Predicted band size: | 47 KD |
| WB Positive control: | Human liver tissue lysates |
| WB Recommended dilution: | 200-1000 |