

Datasheet for ABIN965554
anti-ANKH antibody (N-Term)

3 Publications

[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	ANKH
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKH antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to middle residues of human ANKH(Progressive ankylosis protein homolog)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	ANKH
Alternative Name:	ANKH (ANKH Products)
Background:	<p>The ANKH(Progressive ankylosis protein homolog)regulates intra- and extracellular levels of inorganic pyrophosphate (PPi), probably functioning as PPi transporter. The protein is found in osteoblasts from mandibular bone and from iliac bone, not detected in osteoclastic cells.</p> <p>Defects in ANKH are the cause of craniometaphyseal dysplasia Jackson type (CMDJ). CMDJ is</p>

Target Details

a rare autosomal dominant skeletal disorder characterized by abnormal bone formation and mineralization in membranous as well as endochondral bones. Progressive thickening of the bones can cause narrowing of cranial foramina and can lead to severe visual and neurological impairment, such as facial palsy and deafness.

Application Details

Application Notes: ELISA, Western blotting: 1µg/ml for 2hrs.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: This antibody is stored in PBS, 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

Publications

Product cited in: Luo, Hua, Rao, Liao, Kung, Zeng, Guan, Chen, Xie: "Overexpression of EIF-5A2 predicts tumor recurrence and progression in pTa/pT1 urothelial carcinoma of the bladder." in: **Cancer science**, Vol. 100, Issue 5, pp. 896-902, (2009) ([PubMed](#)).

Chen, Luo, Hua, Zhou, Lin, Kung, Zeng, Guan, Xie: "Overexpression of EIF-5A2 is an independent predictor of outcome in patients of urothelial carcinoma of the bladder treated with radical cystectomy." in: **Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology**, Vol. 18, Issue 2, pp. 400-8, (2009) ([PubMed](#)).

Yang, Xie, Liu, Luo, Li, Hua, Wu, Kung, Zeng, Guan: "Expression and amplification of eIF-5A2 in human epithelial ovarian tumors and overexpression of EIF-5A2 is a new independent predictor of outcome in patients with ovarian carcinoma." in: **Gynecologic oncology**, Vol. 112, Issue 2, pp. 314-8, (2009) ([PubMed](#)).

Xie, Ma, Pan, Wu, Liu, Wu, Kung, Guan: "Overexpression of EIF-5A2 is associated with metastasis of human colorectal carcinoma." in: **Human pathology**, Vol. 39, Issue 1, pp. 80-6, (2007) ([PubMed](#)).

Ojima, Inoue, Miki, Mori, Kusunoki: "Effectiveness of gene expression profiling for response prediction of rectal cancer to preoperative radiotherapy." in: **Journal of gastroenterology**, Vol. 42, Issue 9, pp. 730-6, (2007) ([PubMed](#)).