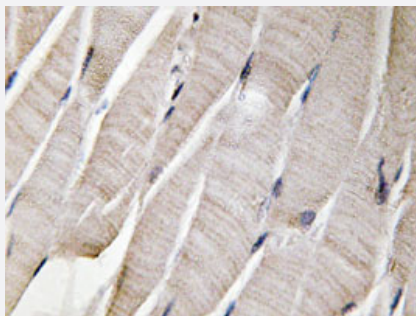


DEFA3 polyclonal antibody

Catalog # PAB25148 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using DEFA3 polyclonal antibody (Cat # PAB25148).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DEFA3.
Immunogen	A synthetic peptide corresponding to DEFA3.
Host	Rabbit
Reactivity	Human
Specificity	DEFA3 polyclonal antibody detects endogenous levels of DEFA3 protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using DEFA3 polyclonal antibody (Cat # PAB25148).

Gene Info — DEFA3

Entrez GeneID [1668](#)

Gene Name DEFA3

Gene Alias DEF3, HNP-3, HNP3, HP-3

Gene Description defensin, alpha 3, neutrophil-specific

Omim ID [604522](#)

Gene Ontology [Hyperlink](#)

Gene Summary Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several alpha defensin genes appear to be clustered on chromosome 8. The protein encoded by this gene, defensin, alpha 3, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. It differs from defensin, alpha 1 by only one amino acid. [provided by RefSeq]

Other Designations defensin 3, neutrophil-specific|defensin, alpha 3|neutrophil peptide 3

Publication Reference

- [Stromal expression of hemopexin is associated with lymph-node metastasis in pancreatic ductal adenocarcinoma.](#)

Yukie Suzuki, Tatsuyuki Takadate, Masamichi Mizuma, Hiroki Shima, Takashi Suzuki, Tomoyoshi Tachibana, Mitsuhiro Shimura, Tatsuo Hata, Masahiro Iseki, Kei Kawaguchi, Takeshi Aoki, Hiroki Hayashi, Takanori Morikawa, Kei Nakagawa, Fuyuhiko Motoi, Takeshi Naitoh, Kazuhiko Igarashi, Michiaki Unno.

PLoS One 2020 Jul; 15(7):e0235904.

Application: IHC-P, Human, Human pancreatic ductal adenocarcinoma

Disease

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