

Acrosin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human Acrosin
Form	Liquid
Concentration	0.27 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2637617

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	1:1,000-1:2,500	1 Publication

Product Specific Information

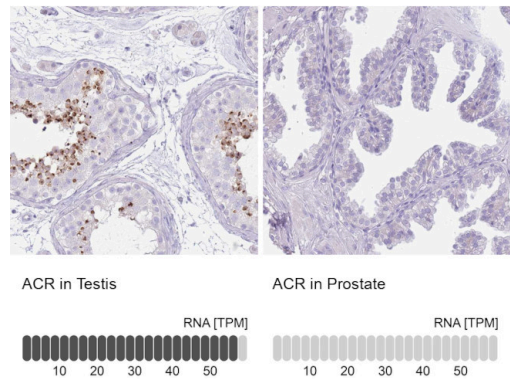
Immunogen sequence: LMEARVDLID LDLCNSTQWY NGRVQPTNVC AGYPVGKIDT CQ

Highest antigen sequence identity to the following orthologs: Mouse - 93%, Rat - 93%.

Product Images For Acrosin Polyclonal Antibody

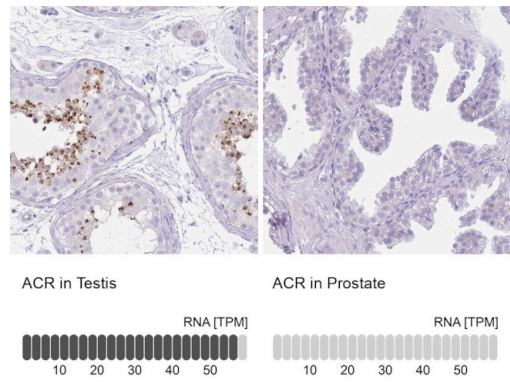
Acrosin Antibody (PA5-61804) in IHC

Immunohistochemical staining of Acrosin in human testis and prostate tissues using Acrosin Polyclonal Antibody (Product # PA5-61804). Corresponding ACR RNA-seq data are presented for the same tissues.



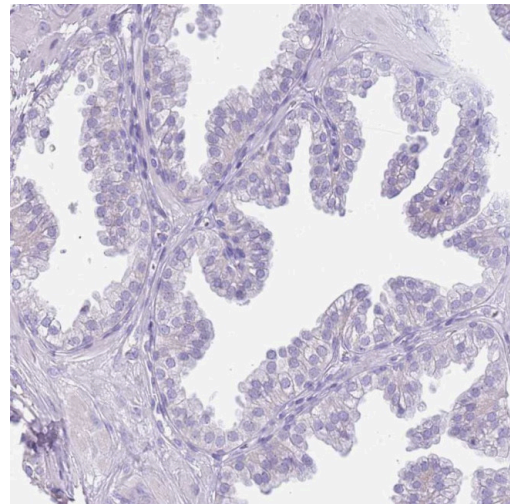
Acrosin Antibody (PA5-61804)

Relative expression in different tissues in IHC: Detection of differential expression levels of Acrosin demonstrates antibody specificity. Immunohistochemical analysis of Acrosin using anti-Acrosin Polyclonal Antibody (Product # PA5-61804), shows significant staining of Acrosin in human testis and shows minimal or weak staining in human prostate tissues. The relative expression levels of Acrosin within each tissue is shown using RNA-Seq. {RE}



Acrosin Antibody (PA5-61804) in IHC

Immunohistochemical staining of Acrosin in human prostate using Acrosin Polyclonal Antibody (Product # PA5-61804) shows low expression as expected.



Immunohistochemistry (1)

Human reproduction (Oxford, England)	Year 2022
Histological study on the influence of puberty suppression and hormonal treatment on developing germ cells in transgender women.	Species Human
<p>"PA5-61804 was used in Immunohistochemistry to conclude that if maturation techniques like in vitro spermatogenesis become available in the future, harvesting germ cells from orchiectomy specimens might be a promising option for those who are otherwise unable to have biological children."</p> <p>Authors: de Nie I,Mulder CL,Meißner A,Schut Y,Holleman EM,van der Sluis WB,Hannema SE,den Heijer M,Huirne J, van Pelt AMM,van Mello NM</p>	

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