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PRSS56 Rabbit pAb

Catalog # AP97168

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	P0CW18
Other Accession	P0CW18
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64597
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PRSS56
Epitope Specificity	401-500/603
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
DISEASE	A developmental ocular disorder characterized by small malformed eyes. Clinical features are extreme hyperopia due to short axial length with essentially normal anterior segment, steep corneal curvatures, shallow anterior chamber, thick lenses, and thickened scleral wall. Palpebral fissures appear narrow because of relatively deep-set eyes, visual acuity is mildly to moderately reduced, and anisometropic or strabismic amblyopia is common. The fundus of the eye shows crowded optical disks, tortuous vessels, and an abnormal foveal avascular zone.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a protein that contains a peptidase S1 domain and possesses trypsin-like serine protease activity. The encoded protein may play a role in eye development, and mutations in this gene are a cause of autosomal recessive posterior microphthalmos. [provided by RefSeq, Dec 2011]

Additional Information

Gene ID	646960
Other Names	MCOP6; CN-I; CN-IA; CN1; CN1A; CNI; RGD1563955; PRS56_HUMAN; PRSS56; 3.4.21.-; PRS56_MOUSE; serine protease 56; protease, serine 56
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PRSS56
Function	Serine protease required during eye development.
Tissue Location	Expressed neural retina, cornea, sclera and optic nerve.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.