

# Product Datasheet

## PTGER4/EP4 Antibody - Azide and BSA Free H00005734-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00005734-D01P**

PTGER4/EP4 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

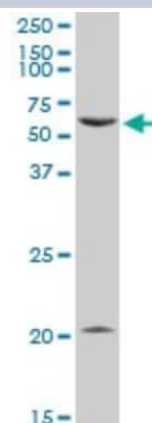
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	5734
Gene Symbol	PTGER4
Species	Human
Specificity/Sensitivity	Reacts with prostaglandin E receptor 4 (subtype EP4).
Immunogen	PTGER4 (NP_000949.1, 1 a.a. - 488 a.a.) full-length human protein. MSTPGVNSSASLSPDRLNSPVTIPAVMFIFGVVGNLVAIVVLCKSRKEQKETT YTLVCGLAVTDLLGTLLVSPVTIATYMKGQWPGGQPLCEYSTFILLFFSLGSLII CAMSEVERYLAINHAYFYSHYVDKRLAGLTFAVYASNVLFCALPNMGLGSSRL QYPDTWCFIDWTTNVTAAHAYSIMYAGFSSFLILATVLCNVLVCGALLRMHRQ FMRRTSLGTEQHHAAAAASVASRGHPAASPALPRLSDFRRRRSFRRRIAGAEIQ MVILLIATSLVVLICSIPLVVRVFNQLYQPSLEREVSKNPDLQAIRIASVNPILDP WIYILLRKTVLSKAIEKIKCLFCRIGGSRRERSGQHCSDSQRTSSAMSGHSRSFI SRELKEISSTSQTLLPDLSPDLSENGLGGRNLLPGVPGMGLAQEDTTSLRTL ISETSDSSQGQDSESVLLVDEAGGSGRAGPAPKGSSLQVTFPSETLNLSEKCI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	Antibody reactivity against cell and transfected lysate in WB and as a detection antibody in ELISA.

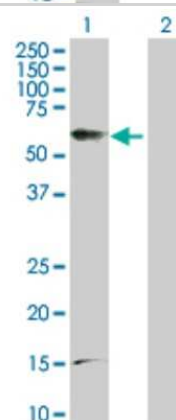


## Images

Western Blot: PTGER4/EP4 Antibody [H00005734-D01P] - Analysis of PTGER4 expression in Jurkat.



Western Blot: PTGER4/EP4 Antibody [H00005734-D01P] - Analysis of PTGER4 expression in transfected 293T cell line by PTGER4 polyclonal antibody. Lane 1: PTGER4 transfected lysate (53.10 kDa). Lane 2: Non-transfected lysate.



## Publications

Xiao J, Li Y, Jones-Brando L et al. Abnormalities of neurotransmitter and neuropeptide systems in human neuroepithelioma cells infected by three Toxoplasma strains. J Neural Transm 2013-07-03 [PMID: 23821371]

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**Products Related to H00005734-D01P**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005734-Q01-10ug	Recombinant Human PTGER4/EP4 GST (N-Term) Protein

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**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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