Cleaved-KLK11 (I54) rabbit pAb

Cat#: orb763914 (Manual)

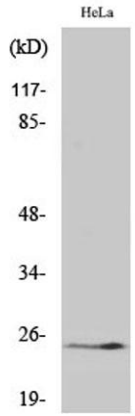
For research use only. Not intended for diagnostic use.

Product Name	Cleaved-KLK11 (I54) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Kallikrein-11. AA range:35-84
Specificity	Cleaved-KLK11 (I54) Polyclonal Antibody detects endogenous levels of fragment of activated KLK11 protein resulting from cleavage adjacent to I54.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Kallikrein-11
Gene Name	KLK11
Cellular localization	[Isoform 1]: Secreted.; [Isoform 2]: Golgi apparatus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

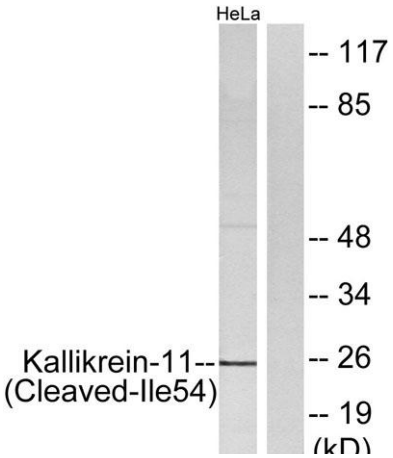
Biorbyt Ltd
7 Signet Court, Swann Road, Cambridge, CB5 8LA. United Kingdom
Email: info@biorbyt.com | Phone: +44 (0)1223 859-353 | Fax: +44 (0)1223 280-240

Biorbyt LLC
68 TW Alexander Drive, Durham, NC 27709. United States
Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Concentration	1 mg/ml
Observed band	25kD
Human Gene ID	11012
Human Swiss-Prot Number	Q9UBX7
Alternative Names	KLK11; PRSS20; TLSP; Kallikrein-11; hK11; Hippostasin; Serine protease 20; Trypsin-like protease
Background	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Alternate splicing of this gene results in multiple transcript variants encoding distinct isoforms which are differentially expressed.[provided by RefSeq, Nov 2009],



Western Blot analysis of various cells using Cleaved-KLK11 (I54) Polyclonal Antibody



Western blot analysis of lysates from HeLa cells, treated with etoposide 25uM 24H, using Kallikrein-11 (Cleaved-Ile54) Antibody. The lane on the right is blocked with the synthesized peptide.

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