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Osteopontin Rabbit pAb

货号: **AYP11278**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IHC: Oryza sativa WB: Homo sapiens , Rattus norvegicus IF: Rattus norvegicus
应用	WB
推荐浓度	WB: 1:1000 - 1:5000
理论分子量	32kDa/33kDa/35kDa
实测分子量	45-70KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,293F,Jurkat,C2C12,Mouse kidney
细胞定位	Secreted
纯化	Affinity purification

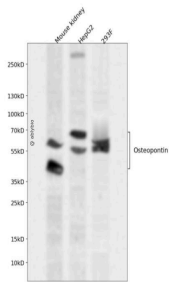
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 17-314 of human Osteopontin (NP_001035147.1).
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靶点信息

研究背景	The protein encoded by this gene is involved in the attachment of osteoclasts to the mineralized bone matrix. The encoded protein is secreted and binds hydroxyapatite with high affinity. The osteoclast vitronectin receptor is found in the cell membrane and may be involved in the binding to this protein. This protein is also a cytokine that upregulates expression of interferon-gamma and interleukin-12. Several transcript variants encoding different isoforms have been found for this gene.
基因ID	6696
基因名	SPP1
Swiss	P10451 (https://www.uniprot.org/uniprotkb/P10451/entry)
别名	BNSP,BSPI,ETA-1,OPN,Osteopontin,SPP1,Osteopontin Rabbit pAb,Bone sialoprotein 1,Nephropontin,Secreted phosphoprotein 1,Urinary stone protein,Uropontin

产品验证



Western blot analysis of Osteopontin expressed in Mouse kidney, HepG2, 293F using Osteopontin Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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