Antibodies

Data Sheet

HUMAN OSTEOPONTIN (aa 59-74)

ANTIBODY, POLYCLONAL

Catalog no.:	A 4226.1 / A 4226.2
Immunogen:	Synthetic human Osteopontin (aa 59-74) KLH-conjugated (PSKSNESHDHMDDMDD)
Synonyms:	Bone sialoprotein 1, Secreted phosphoprotein 1(SPP-1), Urinary stone protein, Nephropontin, Uropontin
Swiss-Prot No:	P10451
Gene Information:	Gene Name: SPP1, BNSP, OPN GeneID: 6696
Host:	Rabbit
Matrix:	Serum
Specificity:	Human Osteopontin (aa 59-74), human and mouse Osteopontin There was no cross reactivity obtained with human Osteonectin and human Bone Sialoprotein
Contents:	20 µl (100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	ELISA (1:1000), immunohistochemistry (paraffin sections, 1:100 -1500)[2, 3, 4], Western Blot
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided

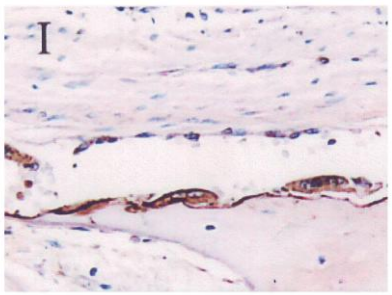

Figure 1: Immunohistochemistry image of Osteopontin staining in paraffin section of fetal calvaria. The section was incubated with A 4226 (1:1500) overnight and detected using ABC vectastain kit (Vector Laboratories). DAB was used as the chromogen. The sections were counterstained with Mayer's hematoxylin.

References

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2. Buzello M, Tornig J, Faulhaber J, Ehmke H, Ritz E, Amann K (2003). The Apolipoprotein E Knockout Mouse: A Model Documenting Accelerated Atherogenesis In Uremia. *J Am Soc Nephrol* **14**(2)**:** 311-316.

3. Pascaretti-Grizon F, Gaudin-Audrain C, Gallois Y, Retaillaud-Gaborit N, Baslé MF, Chappard D (2007). Osteopontin is an argentophilic protein in the bone matrix and in cells of kidney convoluted tubules. *Morphologie* **91**(294): 180-185.

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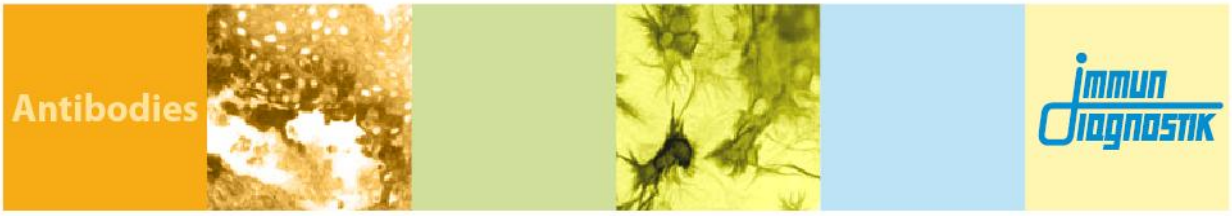

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