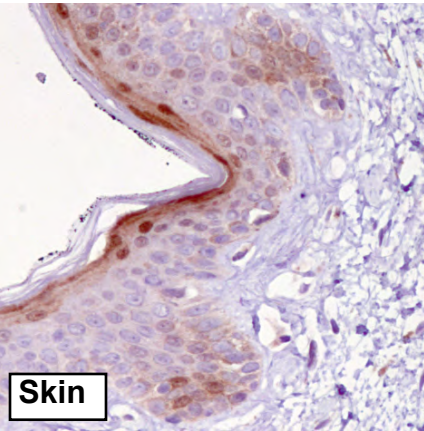


Fatty acid-binding protein, epidermal

UniProt
Function: High specificity for fatty acids. Highest affinity for C18 chain length. Decreasing the chain length or introducing double bonds reduces the affinity. May be involved in keratinocyte differentiation.
Subcellular location: Cytoplasm.
Tissue specificity: Keratinocytes; highly expressed in psoriatic skin.

Three antibodies: FABP5-1, FABP5-2 and FABP5-3 were tested. All three antibodies were approved for IHC. FABP5-3 was selected for full protein profiling.

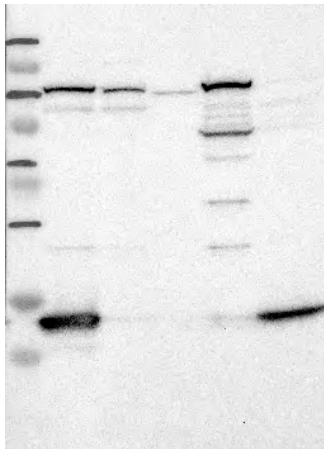
FABP5-2 (CAB040576)



Immunohistochemistry

IHC protocol: HIER pH 6, Dilution 1:30000

IHC test staining: Cytoplasmic staining in selected tissues, eg skin, tonsil and endothelial cells.



Western blot

WB Size markers (kDa): 250, 130, 95, 72, 55, 36, 28, 17, 11

WB Lanes: Marker(1), RT-4(2), U251 MG(3), Plasma(4), Liver(5), Tonsil(6)

WB Target weight (kDa): 15, 11

WB Validation: Supportive - Band of predicted size in kDa (+/-20%) with additional bands present.