YWHAE-3

Uniprot ID: [P62258](https://www.uniprot.org/uniprot/P62258)
Protein name: 1433E_HUMAN
Full name: 14-3-3 protein epsilon
Protein existence: evidence at protein level
Function: Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner.
Subcellular location: Cytoplasm (by similarity). Melanosome. NOTE: Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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

YWHAE-3 (CAB047352)

Immunohistochemistry

IHC protocol: HIER pH 6, Dilution 1:4500
IHC test staining: Cytoplasmic, sometimes a little diffuse.

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): 29, 27
WB Validation: Supportive (Band of predicted size in kDa (+/-20%) with additional bands present)