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(54) **UBIQUITINATED TNF RECEPTOR2 AND ITS USES**

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(57) **ABSTRACT**

The present invention relates to ubiquitinated TNF receptor 2, and the uses thereof. More specifically, the invention relates to the use of TNF receptor 2 ubiquitination to deplete TNF receptor 2 from the cell membrane and cytoplasm, and relocalize it in the insoluble cell fraction. Such relocalization can be used to modulate the signaling activity of the TNF receptor 2 and to treat TNF receptor 2-related diseases. The invention relates further to the use of Smurf 2 to ubiquitinate TNF receptor 2 and to the use of TRAF2 to mediate TNF receptor 2 ubiquitination.